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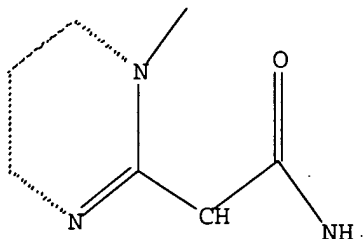
DEL HIS
L1 STRUCTURE UPLOADED
L2 6 S L1
L3 124 S L1 FULL

FILE 'CAPLUS' ENTERED AT 14:52:53 ON 19 APR 2005

L4 35 S L3

=> d que l4 stat

L1 STR



Structure attributes must be viewed using STN Express query preparation.

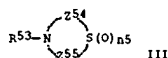
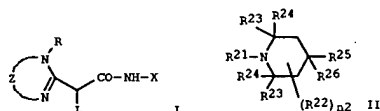
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L4 35 SEA FILE=CAPLUS ABB=ON PLU=ON L3

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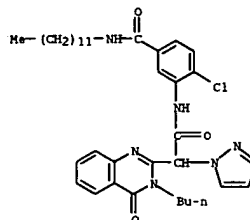
L4 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2005:281059 CAPLUS
 TI Color photographic films showing fine color reproduction and excellent light resistance
 IN Iwamoto, Ryohei; Sugino, Motoaki; Sugita, Shuichi
 FA Konica Minolta Photo Imaging, Inc., Japan
 SO Jpn. Kokai Tokkyo Koho, 116 pp.
 CODEN: JKOKAF
 DT Patent
 LA Japanese
 FAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2005084074	A2	20050331	JP 2003-312415	20030904
PRAI JP 2003-312415		20030904		
GI				

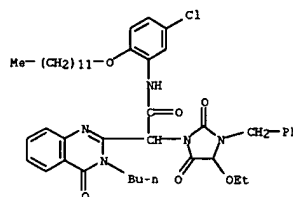


AB The films have blue-, green-, and red-sensitive emulsion layers on supports and contain yellow couplers I (R = substituent; X = aryl, heterocycle; Z = 6-membered azacycle; L = H or group leaving upon reaction with oxidized developers) and Z1 of HOC6H3-nl(o-R10)(o'-R11)R12n1 [R10, R11 = alkyl; R12 = alkyl, NHR13, SR13 (R13 = monovalent organic group), CO2R14 (R14 = H, monovalent organic group); n1 = 0-3], II [R21 = H, OH, oxy radical, SOR27, SO2R27 (R27 = alkyl, aryl), alk(en)yl, alkynyl, COR28 (R28 = H, monovalent organic group); R22-R24 = alkyl; R25, R26 = H, OCOR29 (R29 = monovalent organic group); n2 = 0-4], C6OR31R32R33R34R35R36 [R31 = alkyl, trialkylsilyl; R32-R36 = H, alkyl(oxy), etc.], C6(OH)R41R42R43R44 [R41-R44 = H, alkyl(oxy), etc.], III (R53 = aryl, heterocycle; Z54, Z55 = Cl-3 alkylene satisfying total C number 3-6; n5 = 1, 2), or prescribed high-b.p. solvents (Markushes given) in one or more of the blue-sensitive layers.
 IT 848650-60-2P 848650-70-4P
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (blue-sensitive emulsion layers; color photog. films containing sp. yellow couplers and dye fixers and showing good color reproduction and

L4 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 RN 848650-60-2 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

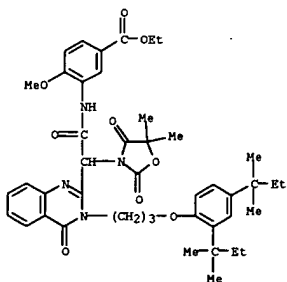


RN 848650-70-4 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

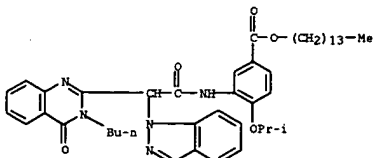


IT 468744-47-0 848650-61-3 848650-62-4
 848650-64-6 848650-65-7 848650-66-8
 848650-67-9 848650-68-0 848650-69-1
 848650-71-5 848650-72-6 848650-73-7
 848650-74-8 848650-75-9 848650-76-0
 848650-77-1 848650-78-2 848650-79-3
 848650-80-6 848650-81-7 848650-82-8
 848650-84-0
 RL: TEM (Technical or engineered material use); USES (Uses)
 (blue-sensitive emulsion layers; color photog. films containing sp. yellow couplers and dye fixers and showing good color reproduction and lightfastness)

L4 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 RN 468744-47-0 CAPLUS
 CN Benzoic acid, 3-[[[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-3,4-dihydro-4-oxo-2-quinazolinyl](5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)acetyl]amino]-4-methoxy-, ethyl ester (9CI) (CA INDEX NAME)

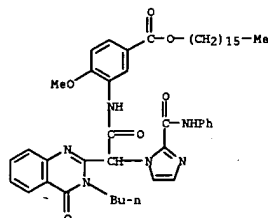


RN 848650-61-3 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

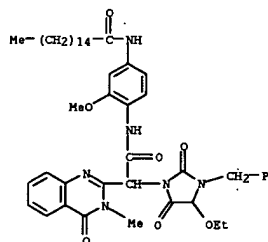


RN 848650-62-4 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

L4 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



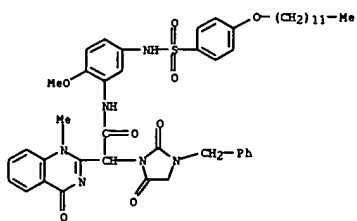
RN 848650-64-6 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED



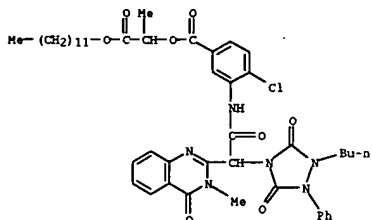
RN 848650-65-7 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

L4 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

(Continued)



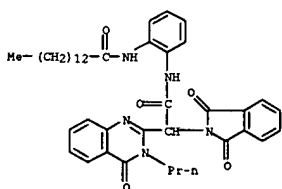
RN 848650-66-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



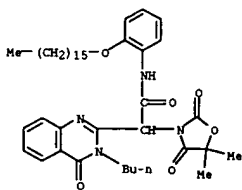
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CN INDEX NAME NOT YET ASSIGNED

L4 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

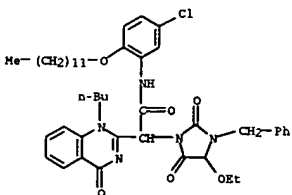
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RN 848650-71-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



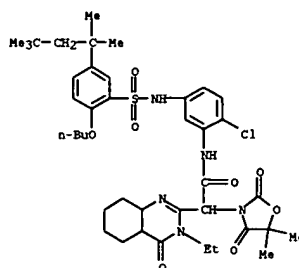
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CN INDEX NAME NOT YET ASSIGNED



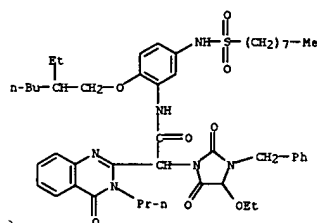
RN 848650-73-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

L4 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

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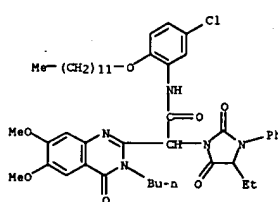
RN 848650-68-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



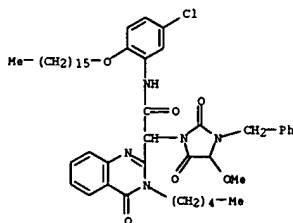
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CN INDEX NAME NOT YET ASSIGNED

L4 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

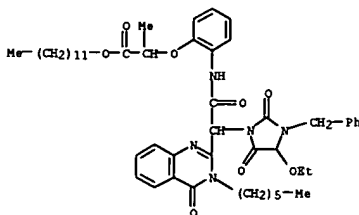
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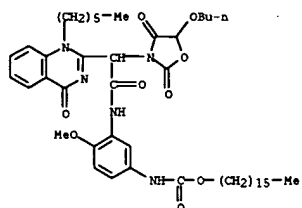
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CN INDEX NAME NOT YET ASSIGNED



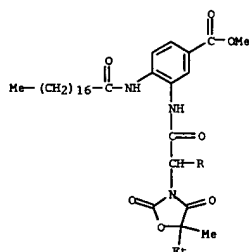
RN 848650-75-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



L4 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 RN 848650-76-0 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

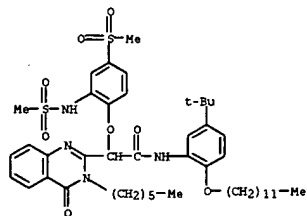


RN 848650-77-1 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

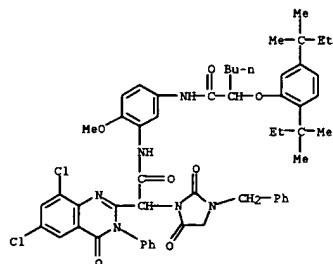


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L4 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



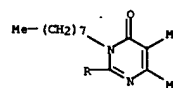
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 CN INDEX NAME NOT YET ASSIGNED



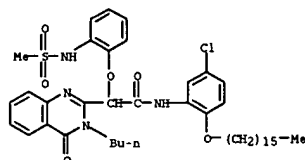
RN 848650-82-8 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

L4 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

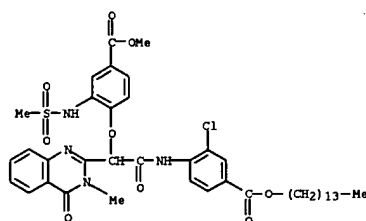
PAGE 2-A



RN 848650-78-2 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

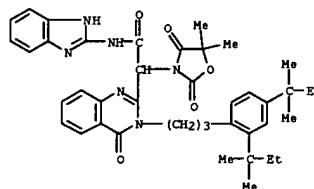


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 CN INDEX NAME NOT YET ASSIGNED

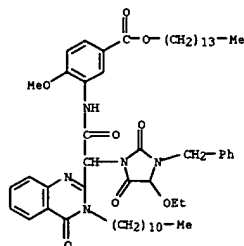


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 CN INDEX NAME NOT YET ASSIGNED

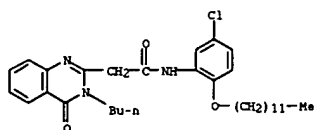
L4 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



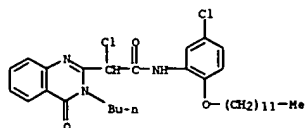
RN 848650-84-0 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED



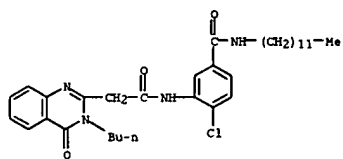
IT 848650-91-9P 848650-92-0P 848650-93-1P
 RL: IMP (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT
 (Reactant or reagent)
 (intermediates; color photog. films containing sp. yellow couplers and
 dye fixers and showing good color reproduction and lightfastness)
 RN 848650-91-9 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED



L4 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 RN 848650-92-0 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

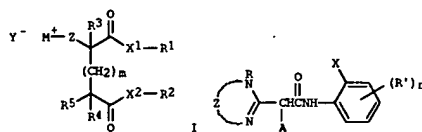


RN 848650-93-1 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED



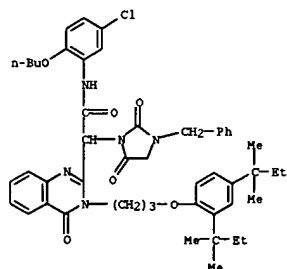
L4 ANSWER 2 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2005:258905 CAPLUS
 TI Silver halide color photographic material showing excellent pressure-resistance, sticking-resistance, and color fading-resistance for color proof application
 IN Nakamura, Takeshi
 PA Konica Minolta Medical & Graphic, Inc., Japan; Konica Minolta Photo Imaging, Inc.
 SO Jpn. Kokai Tokkyo Koho, 70 pp.
 CODEN: JXKXAF
 DT Patent
 LA Japanese
 FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2005077961	A2	20050324	JP 2003-310811	20030903
PRAI	JP 2003-310811		20030903		
GI					

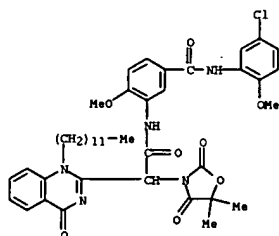


AB The title color photog. material contains a surface active agent represented by I [R1, R2 = alkyl; R3-5 = H, substituent; X1, X2, Z = connection group, single bond; M+ = cationic group; Y- = anion; m = 0, 1] or R(CF2)mCH2CH2YLN+ (R1) (R2) (R3). X- [R = H, F; m = 3-16; Y = S, SO2, SO, Or L = divalent group having 24 carbons; R1-3 = H, alkyl; X- = anion] and a yellow coupler represented by II [R = substituent; Z = atoms for forming N-containing 6- or 7-membered ring; R' = substituent; n = 0-4;
 X = H, substituent; A = H, group capable of leaving upon coupling with oxidized color development agent] in a photog. emulsion layer.
 IT 839711-59-0 840523-97-9 848408-90-2
 RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
 (Yellow coupler in silver halide color photog. material showing excellent pressure-resistance, sticking-resistance, and color fading-resistance for color proof application)
 RN 839711-59-0 CAPLUS
 CN 2-Quinazolineacetamide, 3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-N-(2-butoxy-5-chlorophenyl)-α-[2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

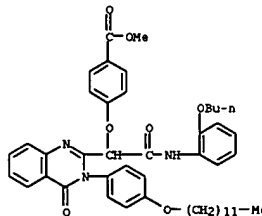


RN 840523-97-9 CAPLUS
 CN 2-Quinazolineacetamide, N-[5-[[[(5-chloro-2-methoxyphenyl)amino]carbonyl]-2-methoxyphenyl]-α-(5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)-1-dodecyl-1,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)



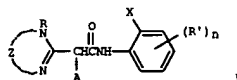
RN 848408-90-2 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

L4 ANSWER 2 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



L4 ANSWER 3 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2005:258956 CAPLUS
 EN 142:325837
 TI Processing of silver halide color photographic paper to improve
 desilvering process
 IN Nozaki, Naoki; Tanaka, Shigeo
 PA Konica Minolta Medical & Graphic, Inc., Japan; Konica Minolta Photo
 Imaging, Inc.
 SO Jpn. Kokai Tokkyo Koho, 49 pp.
 CODEN: JKXKAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005077863	A2	20050324	JP 2003-309442	20030902
JP 2003-309442		20030902		

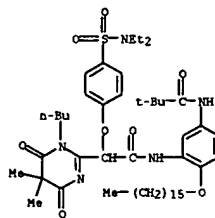


AB The title processing method includes a process for desilvering the color
 photog. paper containing a yellow coupler represented by I [R, R' =
 substituent; Z = atoms for forming N-containing 6- or 7-member ring; n =
 0-4;

Z = H, substituent; A = H, group capable of leaving upon coupling reaction
 with oxidized color development agent], suitable for digital color proofs,
 using a desilvering solution containing a ferric complex salt of
 Al-C(CH₃-A2)H-NH-X-NHC(CH₃-A4)H-A3 [Al-4 = -CH₂OH, -PO₃H₂, -COOM; M = H,
 alkali metal, organic ammonium group, cationic group; X = C2-6-alkylene,
 -(B1O)n-B2-, n = 1-8; B1, B2 = Cl-8-alkylene].

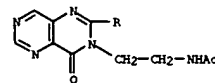
IT 847613-55-2 848245-19-2 848245-20-5
 RL: DEV (Device component use); USES (Uses)
 (yellow coupler; processing of silver halide color photog. paper to
 improve desilvering process suitable for digital color proof)
 RN 847613-55-2 CAPLUS
 CN 2-Pyrimidineacetamide, 1-butyl-α-[4-[(diethylamino)sulfonyl]phenoxy]-
 N-[5-[(2,2-dimethyl-1-oxopropyl)amino]-2-(hexadecyloxy)phenyl]-1,4,5,6-
 tetrahydro-5,5-dimethyl-4,6-dioxo- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

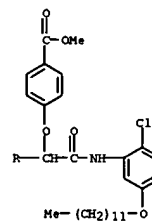


RN 848245-19-2 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

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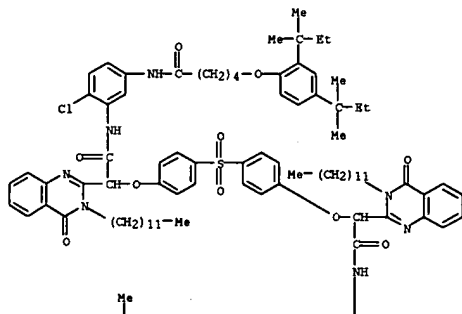
PAGE 2-A



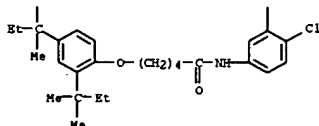
RN 848245-20-5 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

L4 ANSWER 3 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

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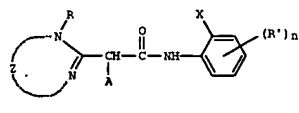
PAGE 2-A



L4 ANSWER 4 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2005:237996 CAPLUS
 EN 142:325826
 TI Silver halide color photographic material with excellent color
 reproducibility containing dye-forming coupler oil droplet
 IN Ishida, Hiroshi
 PA Konica Minolta Medical & Graphic, Inc., Japan; Konica Minolta Photo
 Imaging, Inc.
 SO Jpn. Kokai Tokkyo Koho, 70 pp.
 CODEN: JKXKAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005070575	A2	20050317	JP 2003-302269	20030827
JP 2003-302269		20030827		

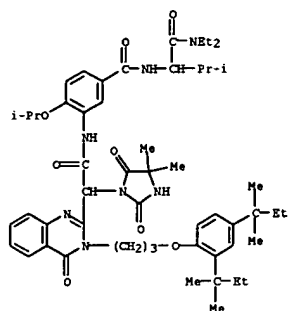


AB Disclosed is a silver halide color photog. material having ≥1 Ag
 halide emulsion layer on a support, wherein said Ag halide emulsion layer
 contains a dye-forming coupler I (R = substituent; Z = atomic group forming
 ring; R' = substituent; n = integer 0-4; X = H, substituent; A = H,
 leaving group) as an oil droplet dispersed in an aqueous medium free of high
 b.p. organic solvents.

IT 840524-04-1 840524-06-3 848072-98-0
 848073-01-8
 RL: NUU (Other use, unclassified); USES (Uses)
 (silver halide color photog. material with excellent color
 reproducibility containing dye-forming coupler oil droplet)

RN 840524-04-1 CAPLUS
 CN 2-Quinazolineacetamide, 3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-N-
 [5-[[[1-[(diethylamino)carbonyl]-2-methylpropyl]amino]carbonyl]-2-(1-
 methylethoxy)phenyl]-α-(4,4-dimethyl-2,5-dioxo-1-imidazolidinyl)-3,4-
 dihydro-4-oxo- (9CI) (CA INDEX NAME)

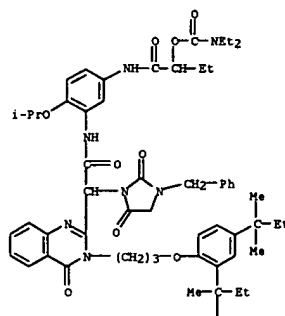
L4 ANSWER 4 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 840524-06-3 CAPLUS
 CN Carbamic acid, diethyl-, 1-([3-([3-([3-([2,4-bis(1,1-dimethylpropyl)phenoxy]propyl)-3,4-dihydro-4-oxo-2-quinazolinyl][2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]acetyl]amino)-4-(1-methylethoxy)phenyl]amino)carbonyl]propyl ester (9C1) (CA INDEX NAME)

L4 ANSWER 4 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

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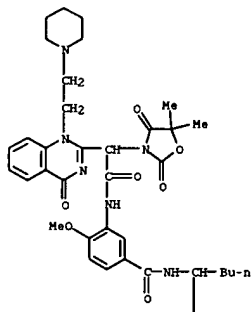


PAGE 2-A

RN 848072-98-0 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

L4 ANSWER 4 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

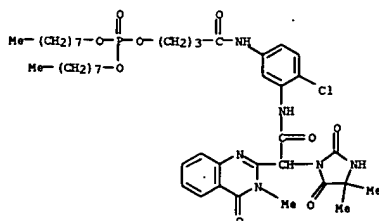
PAGE 1-A



PAGE 2-A



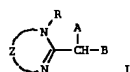
RN 848073-01-8 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED



L4 ANSWER 5 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2005:235530 CAPLUS
 UN 142:306367
 TI Silver halide photographic paper showing improved yellow color reproducibility and image formation method from digital image data for color proof
 IN Tanaka, Shigeo; Ishidai, Hiroshi
 PA Konica Minolta Medical & Graphic, Inc., Japan; Konica Minolta Photo Imaging, Inc.
 SO Jpn. Kokai Tokkyo Koho, 99 pp.
 CODEN: JKKXAF
 DT Patent
 LA Japanese
 FAN. CNT 1

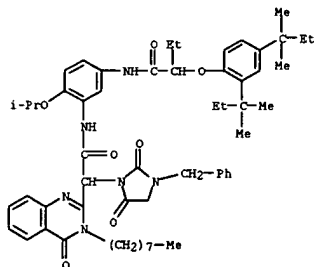
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005070685	A2	20050317	JP 2003-303814	20030828
PRAI JP 2003-303814		20030828		

 GI

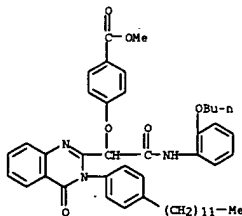


AB The title photog. paper contains a yellow coupler represented by I [B, R = substituent; Z = atoms for forming N-containing 6- or 7-member ring; A = H, group capable of leaving upon coupling with oxidized color development agent] and a high boiling organic solvent(s) selected from RaOOC(CH₂)mCOORb [Ra, Rb = C₄-10-alkyl; m = 2-10], R₂COOC(C₆H₂n-2)COORd [R₂, Rd = C₄-10-alkyl; n = 2-10], R₂COOC(CH₂)pOOCrf [R₂, Rf = C₃-24-alkyl; p = 2-10], C(Rg)(Rh)(Ri)OH [Rg = alkyl, alkenyl; Rh, Ri = H, alkyl, alkenyl], X-[(CH₂)qOOCr]r [X = 5- to 7-member saturated hydrocarbon ring; Rj = C₄-16-alkyl; q = 0-2; r = 1-3], Rk-OCH₂-CH(OH)-Rm [Rk = aliphatic, aromatic; Rm = H, aliphatic], R₁COOC-R₂-COO-(R₃-OOC-R₂-COO)sR₄ [R₁, R₄ = alkyl, alkenyl, cycloalkyl, aryl, heterocyclyl; R₂, R₃ = alkylene, alkenylene, cycloalkylene; s = 1-20], and R₅O-R₆-(OOC-R₇-COO-R₆-)tOR₈ [R₆, R₇ = alkylene, alkenylene, cycloalkylene; R₅, R₈ = acyl, phosphonyl; t = 1-20] in a photosensitive emulsion layer(s).
 IT 839711-59-0 840523-97-9 840524-00-7
 840524-02-9 840524-04-1 840524-05-2
 847924-61-2
 RI: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
 (yellow coupler; silver halide photog. paper showing improved yellow color reproducibility and image formation method from digital image data for color proof)
 RN 839711-59-0 CAPLUS
 CN 2-Quinazolineacetamide, 3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-N-(2-butoxy-5-chlorophenyl)-α-[2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 5 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

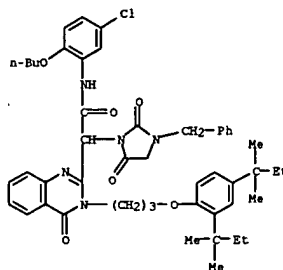


RN 840524-02-9 CAPLUS
 CN Benzoic acid, 4-[2-[(2-butoxyphenyl)amino]-1-[3-(4-dodecylphenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-2-oxoethoxy]-, methyl ester (9CI) (CA INDEX NAME)

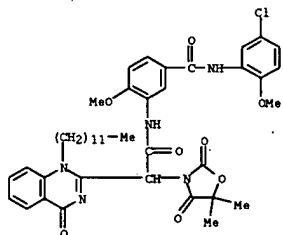


RN 840524-04-1 CAPLUS
 CN 2-Quinazolineacetamide, 3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-N-[5-[[1-[(diethylamino)carbonyl]-2-methylpropyl]amino]carbonyl]-2-(1-methylethoxyphenyl)-α-(4,4-dimethyl-2,5-dioxo-1-imidazolidinyl)-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 5 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

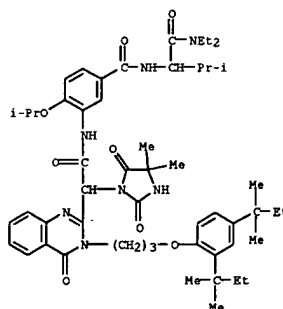


RN 840523-97-9 CAPLUS
 CN 2-Quinazolineacetamide, N-[5-[[5-chloro-2-methoxyphenyl]amino]carbonyl]-2-methoxyphenyl)-α-(5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)-1-dodecyl-1,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

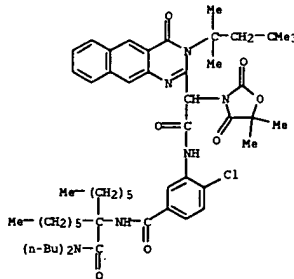


RN 840524-00-7 CAPLUS
 CN 2-Quinazolineacetamide, N-[5-[[2-[2,4-bis(1,1-dimethylpropyl)phenoxy]-1-oxobutyl]amino]-2-(1-methylethoxy)phenyl]-α-[2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]-3,4-dihydro-3-octyl-4-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 5 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 840524-05-2 CAPLUS
 CN Benzoylquinazoline-2-acetamide, N-[2-chloro-5-[[1-[(diethylamino)carbonyl]-1-hexylheptyl]amino]carbonyl]phenyl]-α-(5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)-3,4-dihydro-4-oxo-3-(1,1,3,3-tetramethylbutyl)- (9CI) (CA INDEX NAME)

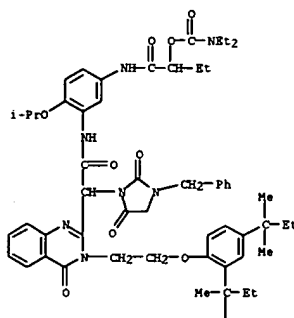


RN 847924-61-2 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

L4 ANSWER 5 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

(Continued)

PAGE 1-A



PAGE 2-A

Me

L4 ANSWER 6 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2005:235529 CAPLUS

DN 142:325825

TI Silver halide color photographic paper containing specific photographic coupler

IN Kondo, Katsuji

PA Konica Minolta Medical & Graphic, Inc., Japan; Konica Minolta Photo Imaging, Inc.

SO Jpn. Kokai Tokkyo Koho, 47 pp.

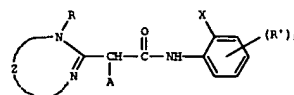
CODEN: JKKXAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2005070684	A2	20050317	JP 2003-303813	20030828
PRAI JP 2003-303813		20030828		
GI				



I

AB The title photog. paper has silver halide emulsion layers on a support and shows the surface glossiness of 1-30, wherein one of the photog. emulsion layers contains photog. coupler I (R = substituent; Z = 6- or 7-membered ring residue; R' = substituent; n = integer 0-4; X = H, substituent; A = H, leaving group). The photog. paper provides images of good colors and image quality while showing low glossiness similar to printed materials.

IT 839711-59-0

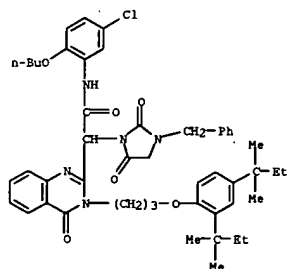
RL: TEM (Technical or engineered material use); USES (Uses) (photog. couplers of the invention)

RN 839711-59-0 CAPLUS

CN 2-Quinazolinacetamide, 3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-N-(2-butoxy-5-chlorophenyl)-a-[2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 6 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

(Continued)



L4 ANSWER 7 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2005:235517 CAPLUS

DN 142:325824

TI Silver halide color photographic material containing iridium complex and yellow coupler

IN Muramatsu, Yasuhiko

PA Konica Minolta Medical & Graphic, Inc., Japan; Konica Minolta Photo Imaging, Inc.

SO Jpn. Kokai Tokkyo Koho, 43 pp.

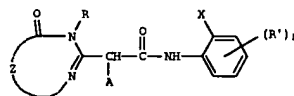
CODEN: JKKXAF

DT Patent

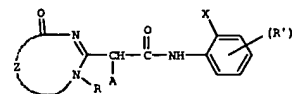
LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2005070577	A2	20050317	JP 2003-302271	20030827
PRAI JP 2003-302271		20030827		
GI				



I



II

AB Disclosed is a Ag halide color photog. material comprising a yellow photosensitive Ag halide emulsion layer, a magenta photosensitive Ag halide emulsion layer, and a cyan photosensitive Ag halide emulsion layer on a reflective support, wherein said yellow photosensitive Ag halide emulsion layer contains [Ir(H2O)nXpY6-n-p]m (X, Y = halide; n = 2 - 0; p = 0 - (6 - n); and n = 1, 2) and a coupler represented by I or II (R = substituent; Z = atomic group; R' = substituent; n = 0-4; X = H, substituent; and A leaving group).

IT 839711-59-0 839711-60-3

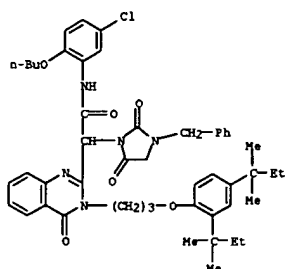
RL: NUU (Other use, unclassified); USES (Uses)

yellow (silver halide color photog. material containing iridium complex and coupler)

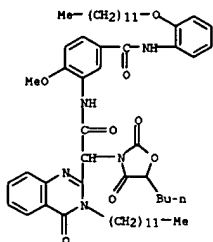
RN 839711-59-0 CAPLUS

CN 2-Quinazolinacetamide, 3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-N-(2-butoxy-5-chlorophenyl)-a-[2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

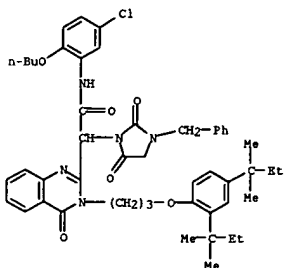
L4 ANSWER 7 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



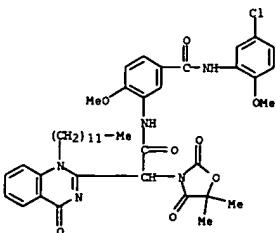
RN 839711-60-3 CAPLUS
CN 2-Quinazolineacetamide, N-[5-[(5-chloro-2-methoxyphenyl)amino]carbonyl]-2-methoxyphenyl]-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)



L4 ANSWER 8 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



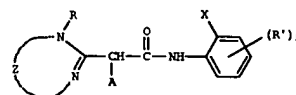
RN 840523-97-9 CAPLUS
CN 2-Quinazolineacetamide, N-[5-[(5-chloro-2-methoxyphenyl)amino]carbonyl]-2-methoxyphenyl]-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)



RN 840524-02-9 CAPLUS
CN Benzoic acid, 4-[2-[(2-butoxyphenyl)amino]-1-[3-(4-dodecylphenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-2-oxoethoxy]-, methyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2005:235516 CAPLUS
DN 142:325823
TI Silver halide color photographic material containing yellow coupler
IN Okuyama, Masato
PA Konica Minolta Medical & Graphic, Inc., Japan; Konica Minolta Photo Imaging, Inc.
SO Jpn. Kokai Tokkyo Koho, 42 pp.
CODEN: JXOXAF
DT Patent
LA Japanese
FAN. CMT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005070576	A2	20050317	JP 2003-302270	20030827
JP 2003-302270		20030827		



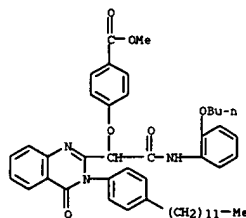
AB Disclosed is a Ag color photog. material comprising a yellow photosensitive Ag halide emulsion layer, a magenta photosensitive Ag halide emulsion layer, and a cyan photosensitive Ag halide emulsion layer on a reflective support, wherein a dye-forming coupler in the yellow photosensitive Ag halide emulsion layer is represented by I (R = substituent; Z = atomic group forming ring; R' = substituent; n = 0-4; X = substituent; and A = leaving group), said coupler is dispersed in a hydrophilic colloid solution after dissolving in a high- or low-b.p. solvent,

and said soluble contains a low-b.p. solvent 2-10%.

IT 839711-59-0 840523-97-9 840524-02-9
RL: NUU (Other use, unclassified); USES (Uses)
(silver halide color photog. material containing yellow coupler)

RN 839711-59-0 CAPLUS
CN 2-Quinazolineacetamide, 3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-N-imidazolidinyl]-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



L4 ANSWER 9 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2005:216177 CAPLUS

DN 142:306362

TI Silver halide color photographic paper showing excellent yellow color reproducibility suitable for digital color proof and its manufacture

IN Aoki, Atsushi

PA Konica Minolta Medical & Graphic, Inc., Japan; Konica Minolta Photo Imaging, Inc.

SO Jpn. Kokai Tokkyo Koho, 48 pp.

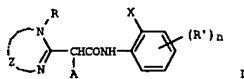
CODEN: JKKKAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2005062585	A2	20050310	JP 2003-294128	20030818
PRAI	JP 2003-294128		20030818		
GI					



AB The title color photog. paper contains a yellow coupler represented by I [R = substituent; Z = atoms for forming 6- or 7-member ring; R' = substituent; n = 0-4; X = H, substituent; A = H, group capable of leaving upon coupling with oxidized color development agent] and a high boiling solvent represented by R21-(O)p-PO((O)r-R23)-(O)q-R22 [R21-23 = aliphatic, aromatic; p, q, r = 0, 1] in a photog. emulsion layer.

IT 839711-59-0 840523-97-9 840524-00-7

840524-02-9 847613-55-2 847615-79-6

847615-80-9

RL: DEV (Device component use); USES (Uses)

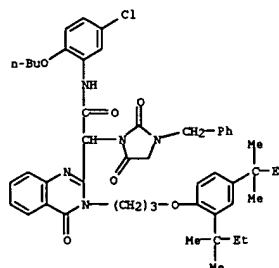
(yellow coupler; silver halide color photog. paper showing excellent yellow color reproducibility suitable for digital color proof and its manufacture)

RN 839711-59-0 CAPLUS

CN 2-Quinazolineacetamide, 3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-N-(2-butoxy-5-chlorophenyl)-α-(2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl)-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

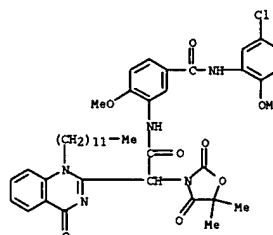
L4 ANSWER 9 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

(Continued)



RN 840523-97-9 CAPLUS

CN 2-Quinazolineacetamide, N-[5-[[[(5-chloro-2-methoxyphenyl)amino]carbonyl]-2-methoxyphenyl]-α-(5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)-1-dodecyl-1,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

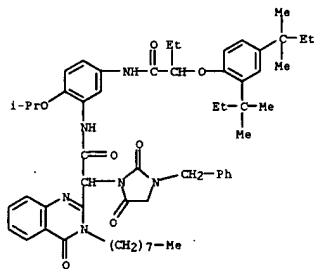


RN 840524-00-7 CAPLUS

CN 2-Quinazolineacetamide, N-[5-[[[2,4-bis(1,1-dimethylpropyl)phenoxy]-1-oxobutyl]amino]-2-(1-methylethoxy)phenyl]-α-(2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl)-3,4-dihydro-3-octyl-4-oxo- (9CI) (CA INDEX NAME)

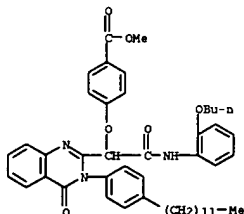
L4 ANSWER 9 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

(Continued)



RN 840524-02-9 CAPLUS

CN Benzoic acid, 4-[2-[(2-butoxyphenyl)amino]-1-[3-(4-dodecylphenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-2-oxoethoxy]-, methyl ester (9CI) (CA INDEX NAME)

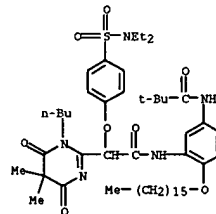


RN 847613-55-2 CAPLUS

CN 2-Pyrimidineacetamide, 1-butyl-α-[4-[(diethylamino)sulfonyl]phenoxy]-N-[5-[(2,2-dimethyl-1-oxopropyl)amino]-2-(hexadecyloxy)phenyl]-1,4,5,6-tetrahydro-5,5-dimethyl-4,6-dioxo- (9CI) (CA INDEX NAME)

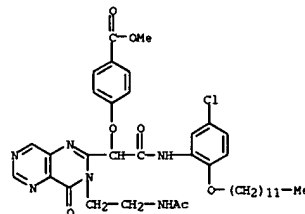
L4 ANSWER 9 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

(Continued)



RN 847615-79-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

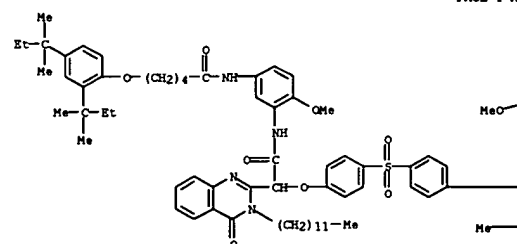


RN 847615-80-9 CAPLUS

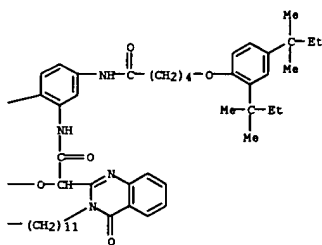
CN INDEX NAME NOT YET ASSIGNED

L4 ANSWER 9 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

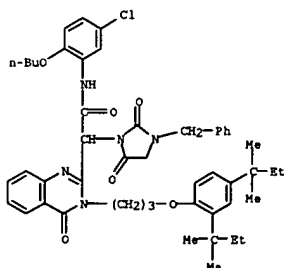
PAGE 1-A



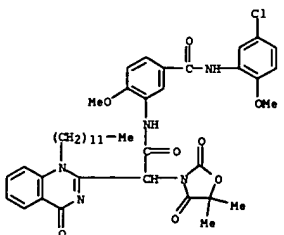
PAGE 1-B



L4 ANSWER 10 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 840523-97-9 CAPLUS
CN 2-Quinazolineacetamide, N-[5-[[[(5-chloro-2-methoxyphenyl)amino]carbonyl]-2-methoxyphenyl]-n-(5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)-1-dodecyl-1,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)



RN 840524-02-9 CAPLUS
CN Benzoic acid, 4-[2-[(2-butoxyphenyl)amino]-1-[3-(4-dodecylphenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-2-oxoethoxy]-, methyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2005:216166 CAPLUS

BN 142:306361

TI Color photographic paper

IN Nakamura, Takeshi

PA Konica Minolta Medical & Graphic, Inc., Japan; Konica Minolta Photo Imaging, Inc.

SO Jpn. Kokai Tokkyo Koho, 48 pp.

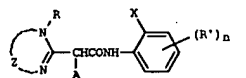
CODEN: JKKOAF

DT Patent

LA Japanese

FAN.CYT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2005062498	A2	20050310	JP 2003-292835	20030813
PRAI	JP 2003-292835		20030813		
GI					



AB The title photog. paper has light-sensitive layers containing photog. emulsion

on a reflective support, wherein surfactant Ra-CON(Rb)-L-D(Ra = C26 alkylene; Rb = H, alkyl, aryl; D = -SO3M, -COOM; M = H, metal cation) is added in the photog. paper and wherein photog. coupler I (Z = 6-7-membered ring residue; R' = substituent; n = integer 0-4; X = H, substituent; A = H, leaving group) is added in at least one of light-sensitive layers. The photog. paper shows good pressure-resistance and good image storageability.

IT 839711-59-0 840523-97-9 840524-02-9

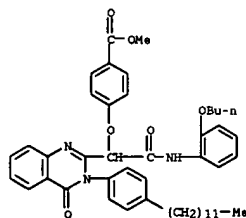
847613-55-2 847613-56-3

RL: TEM (Technical or engineered material use); USES (Uses)
(photog. couplers in color photog. paper)

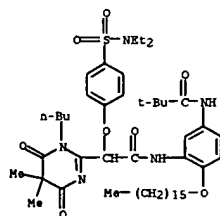
RN 839711-59-0 CAPLUS

CN 2-Quinazolineacetamide, 3-(3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl)-N-(2-butoxy-5-chlorophenyl)-n-(2,5-dioxo-3-phenylmethyl)-1-imidazolidinyl-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



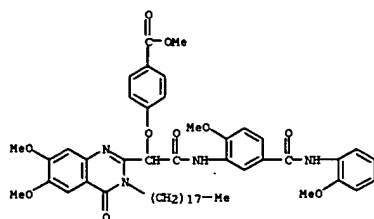
RN 847613-55-2 CAPLUS
CN 2-Pyrimidineacetamide, 1-butyl-n-[4-[(diethylamino)sulfonyl]phenoxy]-N-[5-[(2,2-dimethyl-1-oxopropyl)amino]-2-(hexadecyloxy)phenyl]-1,4,5,6-tetrahydro-5,5-dimethyl-4,6-dioxo- (9CI) (CA INDEX NAME)



RN 847613-56-3 CAPLUS
CN Benzoic acid, 4-[1-(3,4-dihydro-6,7-dimethoxy-3-octadecyl-4-oxo-2-quinazolinyl)-2-[(2-methoxy-5-[(2-methoxyphenyl)amino]carbonyl]phenyl)amino]-2-oxoethoxy]-, methyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

(Continued)



L4 ANSWER 11 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2005:212605 CAPLUS

DN 142:306360

TI Method for photographic color development using area coverage modulation device

IN Tosaka, Yasuo

PA Konica Minolta Medical & Graphic, Inc., Japan; Konica Minolta Photo Imaging, Inc.

SO Jpn. Kokai Tokkyo Koho, 48 pp.

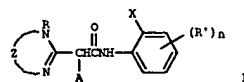
CODEN: JKOXAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005062631	A2	20050310	JP 2003-294768	20030819
JP 2003-294768		20030819		



AB The title method uses photog. paper, which contains coupler I (R = substituent; Z = 6-7-membered ring residue; R' = substituent, n = integer 0-4; X = H, substituent; A = H, leaving group), different pixel arrangement from image regions, 0.1-1.0 different of maximum and min. image d. on background area, and the pixel arrangement formed by PM screening process for white image parts. The method provides printing paper-like background on photog. prints.

IT

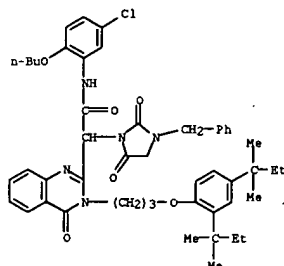
RL: TEM (Technical or engineered material use); USES (Uses)
(yellow couplers; method for photog. development)

RN 839711-59-0 CAPLUS

CN 2-Quinazolineacetamide, 3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-N-(2-butoxy-5-chlorophenyl)-a-[2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 11 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

(Continued)



L4 ANSWER 12 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2005:209982 CAPLUS

DN 142:287748

TI Silver halide color photographic paper showing improved storage stability

IN Tanabe, Junichi

PA Konica Minolta Medical & Graphic, Inc., Japan; Konica Minolta Photo Imaging, Inc.

SO Jpn. Kokai Tokkyo Koho, 49 pp.

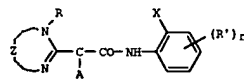
CODEN: JKOXAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005062586	A2	20050310	JP 2003-294129	20030818
JP 2003-294129		20030818		



AB The title color photog. paper contains a yellow coupler represented by I [R = substituent; Z = atoms for forming 6- or 7-member ring; R' = substituent; n = 0-4; X = H, substituent; A = H, group capable of leaving upon coupling with oxidized color development agent] and a photog. emulsion stabilizer(s) selected from R11-SO2S-M11, R21-SO2-M21, and R31-S-S-R32 [R11, R21 = aliphatic, aromatic, heterocyclyl; M11, M21 = cation; R31, R32 = aliphatic, aromatic; R31 joining together with R32 may form ring] in a photog. emulsion layer.

IT 839711-59-0 840523-97-9 840524-00-7

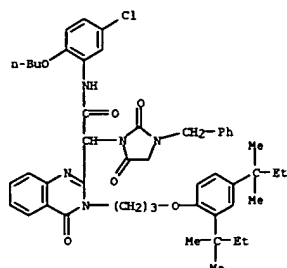
840524-02-9

RL: DEV (Device component use); USES (Uses)
(yellow coupler; silver halide color photog. paper showing improved storage stability suitable for digital color proof and image formation method using the same)

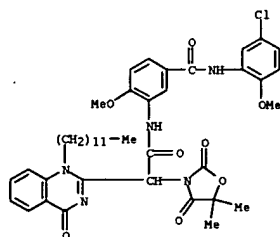
RN 839711-59-0 CAPLUS

CN 2-Quinazolineacetamide, 3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-N-(2-butoxy-5-chlorophenyl)-a-[2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 12 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 840523-97-9 CAPLUS
 CN 2-Quinazolineacetamide, N-[5-[(5-chloro-2-methoxyphenyl)amino]carbonyl]-2-methoxyphenyl]-α-(5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)-1-dodecyl-1,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

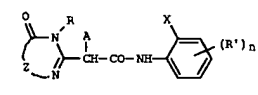


RN 840524-00-7 CAPLUS
 CN 2-Quinazolineacetamide, N-[5-[[2-(2,4-bis(1,1-dimethylpropyl)phenoxy)-1-oxobutyl]amino]-2-(1-methylethoxy)phenyl]-α-[2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]-3,4-dihydro-3-octyl-4-oxo- (9CI) (CA INDEX NAME)

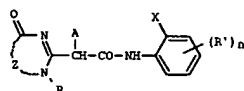
L4 ANSWER 13 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2005:140199 CAPLUS
 DN 142:228609
 TI Silver halide color photographic material containing specific yellow coupler
 IN Muramatsu, Yasuhiko
 PA Konica Minolta Medical & Graphic, Inc., Japan; Konica Minolta Photo Imaging, Inc.
 SO Jpn. Kokai Tokkyo Koho, 42 pp.
 CODEN: JKKXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI JP 2005043530	A2	20050217	JP 2003-201442	20030725
FPRI JP 2003-201442		20030725		
G1				



I



II

AB The material with short-side length ≥ 400 mm has each ≥ 1 yellow, magenta, and cyan color-forming light-sensitive emulsion layer on a reflecting support, in which the yellow color-forming light-sensitive layer contains a coupler I or II (R = substituent; Z = atoms required to form N-containing 6- or 7-membered ring with C=O; N; R' = substituent; n = 0-4; X = H, substituent; A = H, group to be released when coupled with color developer oxidation product). The material shows improved storage stability after development, and is useful for color proof.

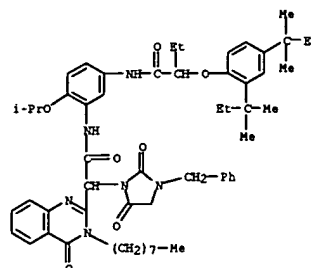
IT 839694-53-0 839711-59-0 839711-60-3
 839711-62-5 839711-63-6 839711-64-7
 839711-65-8 839711-66-9

RL: TEM (Technical or engineered material use); USES (Uses)
 (silver halide color photog. material containing pyrimidinone derivative)

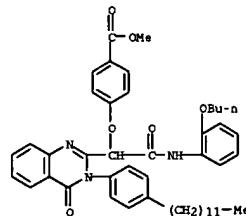
yellow coupler)

RN 839694-53-0 CAPLUS
 CN 2-Quinazolineacetamide, N-[2-chloro-5-[(dodecylamino)carbonyl]phenyl]-3,4-dihydro-α-1H-imidazol-1-yl-3-[2-[(methylsulfonyl)amino]ethyl]-4-oxo- (9CI) (CA INDEX NAME)

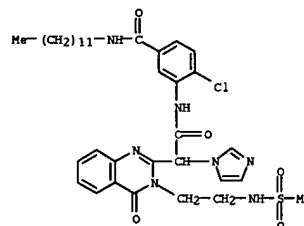
L4 ANSWER 12 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



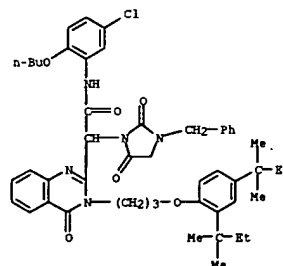
RN 840524-02-9 CAPLUS
 CN Benzoic acid, 4-[2-[(2-butoxyphenyl)amino]-1-[3-(4-dodecylphenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-2-oxoethoxy]-, methyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 13 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

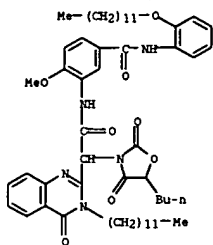


RN 839711-59-0 CAPLUS
 CN 2-Quinazolineacetamide, 3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-N-(2-butoxy-5-chlorophenyl)-α-[2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

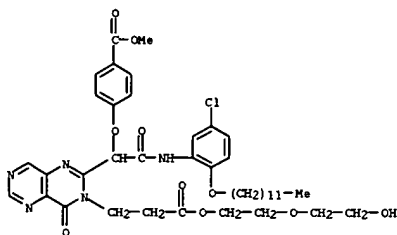


RN 839711-60-3 CAPLUS
 CN 2-Quinazolineacetamide, α-(5-butyl-2,4-dioxo-3-oxazolidinyl)-3-dodecyl-N-[5-[[2-[(dodecylloxy)phenyl]amino]carbonyl]-2-methoxyphenyl]-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 13 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

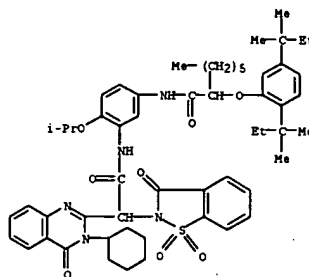


RN 839711-62-5 CAPLUS
 CN Pyrimido[5,4-d]pyrimidine-3(4H)-propanoic acid, 2-[2-[[5-chloro-2-(dodecyloxy)phenyl]amino]-1-(4-(methoxycarbonyl)phenoxy]-2-oxoethyl]-4-oxo-, 2-(2-hydroxyethoxy)ethyl ester (9CI) (CA INDEX NAME)

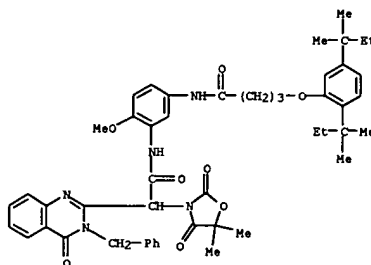


RN 839711-63-6 CAPLUS
 CN 2-Quinazolineacetamide, N-[5-[[[2,5-bis(1,1-dimethylpropyl)phenoxy]-1-oxooctyl]amino]-2-(1-methylethoxy)phenyl]-3-cyclohexyl-α-(1,1-dioxido-3-oxo-1,2-benzisothiazol-2(3H)-yl)-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

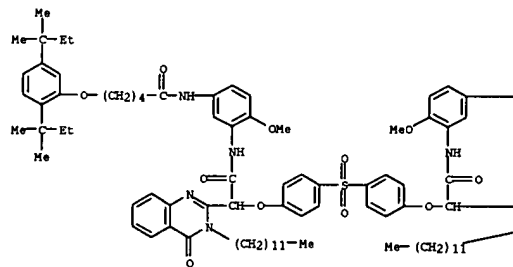
L4 ANSWER 13 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



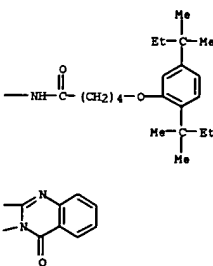
RN 839711-64-7 CAPLUS
 CN 2-Quinazolineacetamide, N-[5-[[[4-(2,5-bis(1,1-dimethylpropyl)phenoxy)-1-oxobutyl]amino]-2-methoxyphenyl]-α-(5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)-3,4-dihydro-4-oxo-3-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 839711-65-8 CAPLUS
 CN 2-Quinazolineacetamide, α,α'-[sulfonylbis(4,1-phenyleneoxy)]bis[N-[5-[[[5-(2,5-bis(1,1-dimethylpropyl)phenoxy)-1-oxopentyl]amino]-2-methoxyphenyl]-3-dodecyl-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

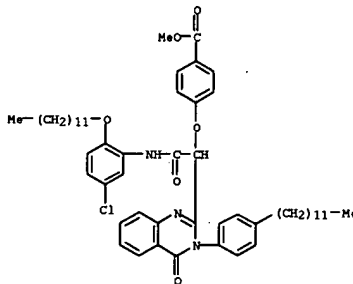
L4 ANSWER 13 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
PAGE 1-A

PAGE 1-B



RN 839711-66-9 CAPLUS
 CN Benzoic acid, 4-[2-[[[5-chloro-2-(dodecyloxy)phenyl]amino]-1-[3-(4-dodecylphenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-2-oxoethoxy]-, methyl ester (9CI) (CA INDEX NAME)

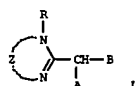
L4 ANSWER 13 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



L4 ANSWER 14 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2005:138433 CAPLUS
 DN 142:228608
 TI Silver halide photographic emulsion containing metal complex and yellow coupler
 IN Tanaka, Shigeo; Ishidai, Hiroshi
 FA Konica Minolta Medical & Graphic, Inc., Japan; Konica Minolta Photo Imaging, Inc.
 SO Jpn. Kokai Tokkyo Koho, 91 pp.
 CODEN: JKKOAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005043529	A2	20050217	JP 2003-201441	20030725
JP 2003-201441		20030725		

FI
 GI



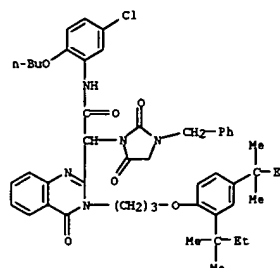
AB The material has ≥ 1 emulsion layer with AgCl ≥ 95 mol%, containing (a) an emulsion containing an Ir complex and a metal complex having a central metal of group VB to VIII elements except Ir in a periodic table and a nitroaryl or thionitroaryl ligand and (b) the yellow coupler I (B, R = substituent; Z = atoms required to form N-containing 6- or 7-membered ring with NC/N; A = H, group to be released when coupled with color developer oxidation product). The material prevents sensitivity change in storage under high-temperature conditions.

IT 839711-59-0 840523-97-9 840524-00-7
 840524-02-9 840524-04-1 840524-05-2
 840524-06-3

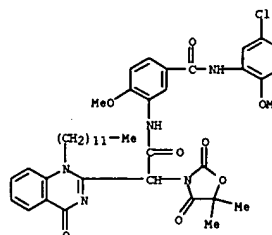
RL: TEM (Technical or engineered material use); USES (Uses)
 (yellow coupler; silver halide photog. emulsion containing metal complex and yellow coupler)

RN 839711-59-0 CAPLUS
 CN 2-Quinazolineacetamide, 3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-N-(2-butoxy-5-chlorophenyl)- α -(2,5-dioxo-3-phenylmethyl)-1-imidazolidinyl]-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 14 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

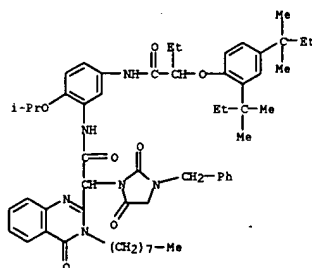


RN 840523-97-9 CAPLUS
 CN 2-Quinazolineacetamide, N-[5-[[5-chloro-2-methoxyphenyl]amino]carbonyl]-2-methoxyphenyl]- α -(5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)-1-dodecyl-1,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

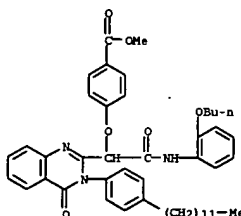


RN 840524-00-7 CAPLUS
 CN 2-Quinazolineacetamide, N-[5-[[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-N-(2-butoxy-5-chlorophenyl)-alpha-(2,5-dioxo-3-phenylmethyl)-1-imidazolidinyl]-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 14 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

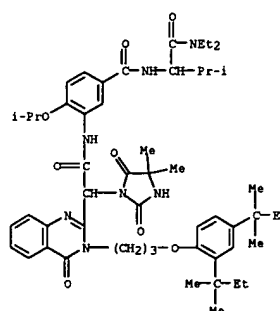


RN 840524-02-9 CAPLUS
 CN Benzoic acid, 4-[2-[(2-butoxyphenyl)amino]-1-[3-(4-dodecylphenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-2-oxoethoxy]-, methyl ester (9CI) (CA INDEX NAME)

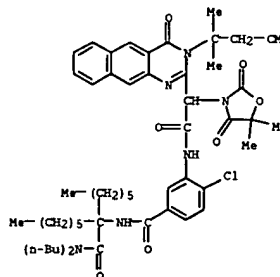


RN 840524-04-1 CAPLUS
 CN 2-Quinazolineacetamide, 3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-N-[5-[[1-[(diethylamino)carbonyl]-2-methylpropyl]amino]carbonyl]-2-(1-methylethoxy)phenyl]- α -(4,4-dimethyl-2,5-dioxo-1-imidazolidinyl)-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 14 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 840524-05-2 CAPLUS
 CN Benzol[quinoxaline]-2-acetamide, N-[2-chloro-5-[[[1-[(diethylamino)carbonyl]-1-hexylheptyl]amino]carbonyl]phenyl]-alpha-(5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)-3,4-dihydro-4-oxo-3-(1,1,3,3-tetramethylbutyl)- (9CI) (CA INDEX NAME)

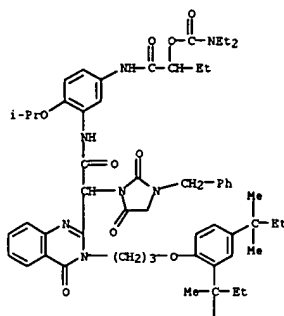


RN 840524-06-3 CAPLUS
 CN Carbanic acid, diethyl-, 1-[[[3-[[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-3,4-dihydro-4-oxo-2-quinazolinyl][2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]acetyl]amino]-4-(1-methylethoxy)phenyl]amino]carbonyl]propyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 14 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

(Continued)

PAGE 1-A



PAGE 2-A

Me

L4 ANSWER 15 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2005:135827 CAPLUS

DN 142:248567

TI Area gradation image formation using silver halide photographic material containing specific couplers

IN Ito, Hirohide

PA Konica Minolta Medical & Graphic, Inc., Japan; Konica Minolta Photo Imaging, Inc.

SO Jpn. Kokai Tokkyo Koho, 44 pp.

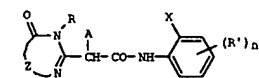
CODEN: JKOQAF

DT Patent

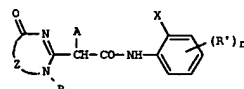
LA Japanese

FAN: CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI	JP 2005043528	A2	20050217	JP 2003-201440	20030725
PRAI	JP 2003-201440		20030725		
GI					



I



II

AB The method uses the photoq. material containing a coupler I or II (R = substituent; Z = C atoms required to form N-containing 6- or 7-membered ring with C:OHCN; R' = substituent; a = 0-4; X = H, substituent; A = H, group to be released when coupled with color developer oxidation product). The method provides improved tone and dot reproduction quality useful for color proof.

IT 839694-52-9 839694-53-0 839694-54-1

839694-55-2

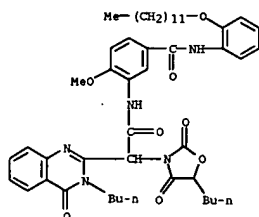
RL: TEM (Technical or engineered material use); USES (Uses)
(yellow coupler; photoq. film containing pyrazolone couplers for area gradation image formation)

RN 839694-52-9 CAPLUS

CN 2-Quinazolineacetamide, 3-butyl-α-(5-butyl-2,4-dioxo-3-oxazolidinyl)-N-[5-[[[2-(dodecyloxy)phenyl]amino]carbonyl]-2-methoxyphenyl]-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

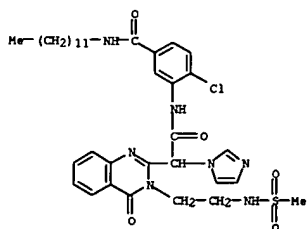
L4 ANSWER 15 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

(Continued)



RN 839694-53-0 CAPLUS

CN 2-Quinazolineacetamide, N-[2-chloro-5-[[[dodecylamino]carbonyl]phenyl]-3,4-dihydro-α-1H-imidazol-1-yl]-3-[2-[(methylsulfonyl)amino]ethyl]-4-oxo- (9CI) (CA INDEX NAME)

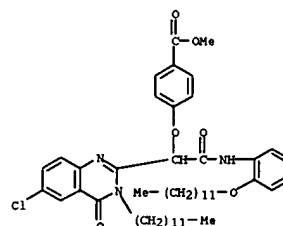


RN 839694-54-1 CAPLUS

CN Benzoic acid, 4-[1-(6-chloro-3-dodecyl-3,4-dihydro-4-oxo-2-quinazolinyl)-2-[[[2-(dodecyloxy)phenyl]amino]-2-oxoethoxy]-, methyl ester (9CI) (CA INDEX NAME)

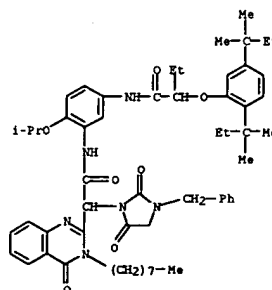
L4 ANSWER 15 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

(Continued)

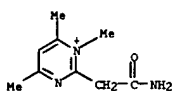


RN 839694-55-2 CAPLUS

CN 2-Quinazolineacetamide, N-[5-[[[2,5-bis(1,1-dimethylpropyl)phenoxy]-1-oxobutyl]amino]-2-(1-methylethoxy)phenyl]-α-[2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]-3,4-dihydro-3-octyl-4-oxo- (9CI) (CA INDEX NAME)



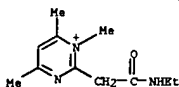
L4 ANSWER 16 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:686870 CAPLUS
 DN 142:198004
 TI The Kost-Sagitullin rearrangement in a series of 1-alkyl-2-(carbamoylmethyl)-4,6-dimethylpyrimidinium iodides
 AU Danagulyan, G. G.; Sahakyan, L. G.
 CS Institute of Organic Chemistry, National Academy of Sciences of the Armenian Republic, Yerevan, 375094, Armenia
 SO Chemistry of Heterocyclic Compounds (New York, NY, United States) (Translation of Khimiya Geterotsiklicheskikh Soedinenii) (2004), 40(3), 320-325
 CODEN: CHOCAL; ISSN: 0009-3122
 PB Kluwer Academic/Consultants Bureau
 DT Journal
 LA English
 AB The rearrangement of 1-alkyl-2-(carbamoylmethyl)pyrimidinium iodides into substituted 2-aminoalkylnicotinamides, occurring in alc. solns. of amines, has been studied. It was shown that in the presence of water the rearrangement of 2-(carbamoylmethyl)-1,4,6-trimethylpyrimidinium iodide is accompanied by the formation of a derivative of 2-oxo-1,2-dihydronicotinic acid, and under the action of ethylamine a rearrangement and transamination occurs leading to 2-ethylamino-4,6-dimethylnicotinamide.
 IT 276873-04-2P 835903-69-0P 835903-71-4P
 835903-72-5P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREF (Preparation); RACT (Reactant or reagent)
 (preparation and Kost-Sagitullin rearrangement of 1-alkyl-2-(carbamoylmethyl)-4,6-dimethylpyrimidinium iodides)
 RN 276873-04-2 CAPLUS
 CN Pyrimidinium, 2-(2-amino-2-oxoethyl)-1,4,6-trimethyl-, iodide (9CI) (CA INDEX NAME)



• I⁻

RN 835903-69-0 CAPLUS
 CN Pyrimidinium, 2-(2-amino-2-oxoethyl)-1-ethyl-4,6-dimethyl-, iodide (9CI) (CA INDEX NAME)

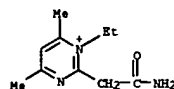
L4 ANSWER 16 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



• I⁻

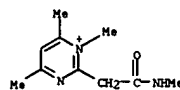
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 16 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



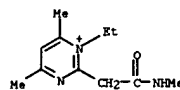
• I⁻

RN 835903-71-4 CAPLUS
 CN Pyrimidinium, 1,4,6-trimethyl-2-[2-(methylamino)-2-oxoethyl]-, iodide (9CI) (CA INDEX NAME)



• I⁻

RN 835903-72-5 CAPLUS
 CN Pyrimidinium, 1-ethyl-4,6-dimethyl-2-[2-(methylamino)-2-oxoethyl]-, iodide (9CI) (CA INDEX NAME)



• I⁻

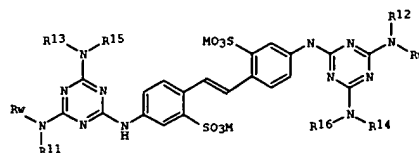
IT 835903-73-6P
 RL: SPN (Synthetic preparation); PREF (Preparation)
 (preparation and Kost-Sagitullin rearrangement of 1-alkyl-2-(carbamoylmethyl)-4,6-dimethylpyrimidinium iodides)
 RN 835903-73-6 CAPLUS
 CN Pyrimidinium, 2-[2-(ethylamino)-2-oxoethyl]-1,4,6-trimethyl-, iodide (9CI) (CA INDEX NAME)

L4 ANSWER 17 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:609430 CAPLUS
 DN 141:164773
 TI Processing of silver halide color photographic material containing yellow coupler and color imaging method to improve yellow color reproducibility
 IN Ishidai, Hiroshi; Tanaka, Shigeo
 PA Konica Minolta MG K. K., Japan; Konica Minolta Photo Imaging K. K.
 SO Jpn. Kokai Tokkyo Koho, 91 pp.
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004212936	A2	20040729	JP 2003-291105	20030811
JP 2004246316	A2	20040902	JP 2003-201438	20030725
FRA1 JP 2002-368028	A	20021219		
OS MARPAT 141:164773				

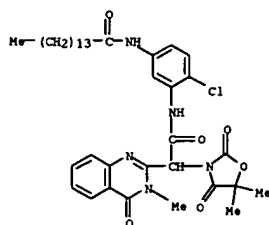
 GI



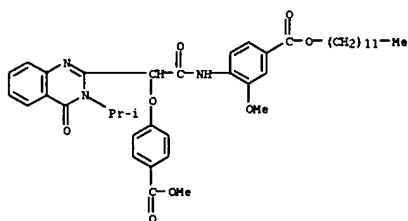
I

AB A silver halide color photog. material containing a yellow coupler represented by R1a-G-NH-O-R2 (R1 = aliphatic, aromatic, heterocyclyl, alkoxy, aryloxy, amino; m = 1, 2; R2 = coupling group; G = -CO-, -CNR3-, -PO-, -SO-, -S02-, R3 = R2) is processed by a processing solution containing a compound represented by
 I (R11, R12 = H, substituents; R13, R14 = H, alkyl, aryl; R15, R16 = -C(A)2f-Og-(C(A)2)h-Oi-(C(A)2)-Ok-H; R17 = H, -C(A)2f-Og-(C(A)2)h-Oi-(C(A)2)-Ok-H; M = H, alkali metal; alkaline earth metal, ammonium pyridinium; A = H, hydroxyl, hydroxymethyl, 2-hydroxyethyl, 1-hydroxyethyl, 3-hydroxypropyl, 2-hydroxypropyl, 1-hydroxypropyl; f, h, i = 1, 2; g, j, k = 0, 1). The color photog. material is especially suitable for color proof applications.
 IT 728032-89-1 728032-90-4 728032-91-5
 728032-92-6 728032-93-7
 RL: DEV (Device component use); USES (Uses)
 (yellow coupler; processing of silver halide color photog. material containing yellow coupler and color imaging method to improve yellow color reproducibility)
 RN 728032-89-1 CAPLUS
 CN 2-Quinazolineacetamide, N-[2-chloro-5-[(1-oxopentadecyl)amino]phenyl]-4-(5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)-3,4-dihydro-3-methyl-4-oxo-

L4 ANSWER 17 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
(9CI) (CA INDEX NAME)

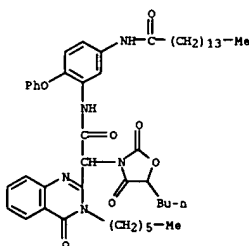


RN 728032-90-4 CAPLUS
CN Benzoic acid, 4-[[[3,4-dihydro-3-(1-methylethyl)-4-oxo-2-quinazolinyl][4-(methoxycarbonyl)phenoxy]acetyl]amino]-3-methoxy-, dodecyl ester (9CI)
(CA INDEX NAME)

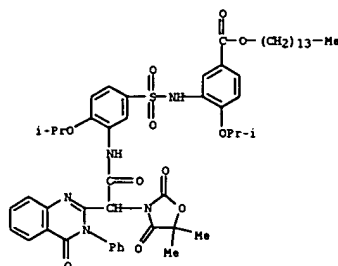


RN 728032-91-5 CAPLUS
CN Benzoic acid, 3-[[[3,4-dihydro-4-oxo-3-phenyl-2-quinazolinyl](5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)acetyl]amino]-4-(1-methylethoxy)phenyl]sulfonyl]amino]-4-(1-methylethoxy)-, tetradecyl ester (9CI)
(CA INDEX NAME)

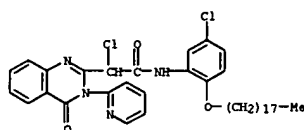
L4 ANSWER 17 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



L4 ANSWER 17 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

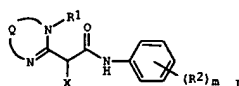


RN 728032-92-6 CAPLUS
CN 2-Quinazolineacetamide, alpha-chloro-N-[5-chloro-2-(octadecyloxy)phenyl]-3,4-dihydro-4-oxo-3-(2-pyridinyl)- (9CI)
(CA INDEX NAME)



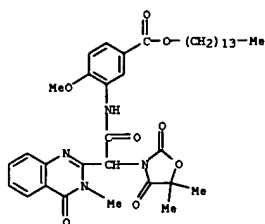
RN 728032-93-7 CAPLUS
CN 2-Quinazolineacetamide, alpha-(5-butyl-2,4-dioxo-3-oxazolidinyl)-3-hexyl-3,4-dihydro-4-oxo-N-[5-[(1-oxopentadecyl)amino]-2-phenoxyphenyl]- (9CI)
(CA INDEX NAME)

L4 ANSWER 18 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2003:853303 CAPLUS
IN 139:356002
TI Silver halide color photographic material containing specific yellow coupler
IN Matsumoto, Atsushi; Deguchi, Yasuaki; Takeuchi, Kiyoshi
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 45 pp.
CODEN: JKKXAF
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI JP 2003307819 A2 20031031 JP 2002-111275 20020412
PRAI JP 2002-111275
OS MARPAT 139:356002
GI



AB The material has ≥1 blue-sensitive emulsion layer containing a yellow coupler, ≥1 green-sensitive emulsion layer containing a magenta coupler, and ≥1 red-sensitive emulsion layer containing a cyan coupler on a transparent or semitransparent support. It is characterized by that ≥1 of those layers contains an emulsion with AgCl ≥95 mol% and that ≥1 yellow coupler I (Q = non-metal atoms required to form a 5- to 7-membered ring with N; CNR1; R1, R2 = substituents; m = 0-5; X = H, group to be released by coupling reaction with developer oxidation product) is coated in 0.1-2.5 m-mol/m². It shows improved color reproduction, image storage stability, and rapid processability.
IT 618094-65-8
RL: TEM (Technical or engineered material use); USES (Uses)
(silver chloride-rich photoq. emulsion containing specific yellow coupler)
RN 618094-65-8 CAPLUS
CN Benzoic acid, 3-[[[3,4-dihydro-3-methyl-4-oxo-2-quinazolinyl](5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)acetyl]amino]-4-methoxy-, tetradecyl ester (9CI)
(CA INDEX NAME)

L4 ANSWER 18 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



L4 ANSWER 19 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2002:827799 CAPLUS

IN 137:331024

TI Coupler for azomethine dye formation and silver halide photographic material using it

IN Uedaira, Shigeo; Takeuchi, Kiyoshi

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 58 pp.

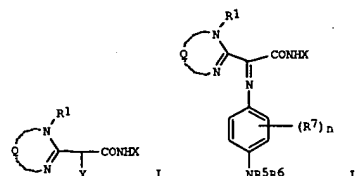
CODEN: JKOXAF

DT Patent

LA Japanese

FAN. CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002318443	A2	20021031	JP 2001-123667	20010420
	US 2003091946	A1	20030515	US 2002-125548	20020419
PRAI	JP 2001-123663	A	20010420		
	JP 2001-123667	A	20010420		
OS	HARFAT 137:331024				
GI					



AB Dye forming coupler I, azomethine dye II [Q = residue to form 6-membered heterocycle together with NC:N; R1 = C2-7 alkyl; R5-7 = H, substituent; R7 and R5, R7 and R6, R5 and R6 may form a (condensed) ring; X = aryl; Y = H, releasing group by coupling reaction with developer oxide; n = 0-4], and photog. film containing I are claimed. The coupler gives

the dye with clear hue and fastness.

IT 473837-33-1P 473837-34-2P 473837-35-3P

473837-36-4P

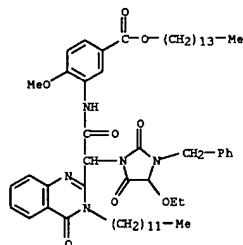
RL: PNU (Preparation, unclassified); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(photog. coupler forming azomethine dye)

RN 473837-33-1 CAPLUS

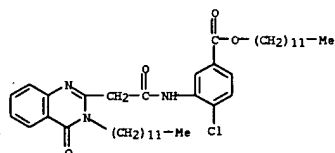
CN Benzoic acid, 3-[[[(3-dodecyl-3,4-dihydro-4-oxo-2-quinazolinyl)acetyl]amino]-4-methoxy-, tetradecyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 19 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



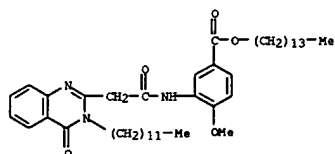
RN 473837-34-2 CAPLUS

CN Benzoic acid, 4-chloro-3-[[[(3-dodecyl-3,4-dihydro-4-oxo-2-quinazolinyl)acetyl]amino]-, dodecyl ester (9CI) (CA INDEX NAME)



RN 473837-35-3 CAPLUS

CN Benzoic acid, 3-[[[(3-dodecyl-3,4-dihydro-4-oxo-2-quinazolinyl)acetyl]amino]-4-methoxy-, tetradecyl ester (9CI) (CA INDEX NAME)

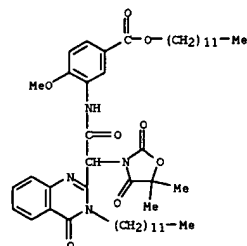


RN 473837-36-4 CAPLUS

CN Benzoic acid, 3-[[[(5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)(3-dodecyl-3,4-dihydro-4-oxo-2-quinazolinyl)acetyl]amino]-4-methoxy-, dodecyl ester (9CI)

L4 ANSWER 19 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

(CA INDEX NAME)



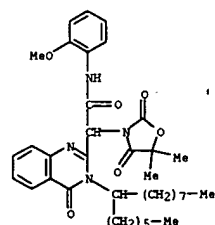
IT 473837-37-5 473837-38-6 473837-39-7

RL: TEM (Technical or engineered material use); USES (Uses)

(photog. coupler forming azomethine dye)

RN 473837-37-5 CAPLUS

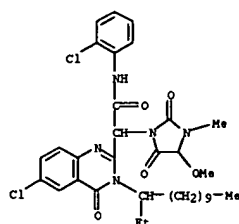
CN 2-Quinazolineacetamide, α-(5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)-3-(1-hexylnonyl)-3,4-dihydro-N-(2-methoxyphenyl)-4-oxo- (9CI) (CA INDEX NAME)



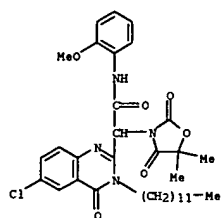
RN 473837-38-6 CAPLUS

CN 2-Quinazolineacetamide, 6-chloro-N-(2-chlorophenyl)-3-(1-ethylundecyl)-3,4-dihydro-α-(4-methoxy-3-methyl-2,5-dioxo-1-imidazolidinyl)-4-oxo- (9CI) (CA INDEX NAME)

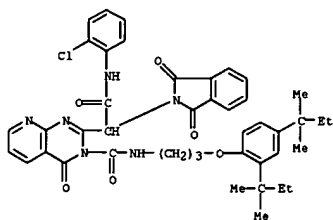
L4 ANSWER 19 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 473837-39-7 CAPLUS
 CN 2-Quinazolinacetamide, 6-chloro-α-(5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)-3,4-dihydro-N-(2-methoxyphenyl)-4-oxo- (9CI) (CA INDEX NAME)

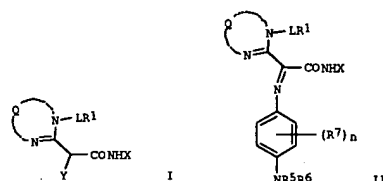


L4 ANSWER 20 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



L4 ANSWER 20 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2002:827798 CAPLUS
 DN 137:331023
 TI Coupler for azomethine dye formation and silver halide photographic material using it
 IN Ueda, Shigeo; Takeuchi, Kiyoshi
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 55 pp.
 CODEN: JXKXAF
 DT Patent
 LA Japanese
 FAN. CNT 2

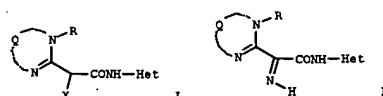
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002318442	A2	20021031	JP 2001-123663	20010420
US 2003091946	A1	20030515	US 2002-125548	20020419
JP 2001-123663	A	20010420		
JP 2001-123667	A	20010420		
MARPAT 137:331023				



AB Dye forming coupler I and azomethine dye II [Q = residue to form 6-membered heterocycle together with NCN; L = divalent linkage; R1 = substituent; R5-7 = H, substituent; R7 and R5, R7 and R6, R5 and R6 may form a (condensed) ring; X = aryl; Y = H, releasing group by coupling reaction with developer oxide; LR1 is not aryl, alkyl, alkenyl, alkynyl; n = 0-4] are claimed. The coupler shows high activity and gives azomethine dye with clear hue and storage stability.
 IT 473723-98-7
 RL: RCT (Reactant); TEM (Technical or engineered material use); RACT (Reactant or reagent); USES (Uses)
 (photog. coupler for azomethine dye formation)
 RN 473723-98-7 CAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-acetamide, 3-[[[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]amino]carbonyl]-N-(2-chlorophenyl)-α-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

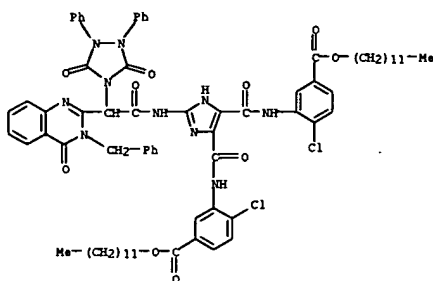
L4 ANSWER 21 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2002:827797 CAPLUS
 DN 137:331022
 TI Coupler for azomethine dye formation and silver halide photographic material using it
 IN Ogawara, Atsushi; Kamihira, Shigeo; Shimada, Yasuhiro
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 28 pp.
 CODEN: JXKXAF
 DT Patent
 LA Japanese
 FAN. CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002318441	A2	20021031	JP 2001-123651	20010420
JP 2001-123651		20010420		
MARPAT 137:331022				

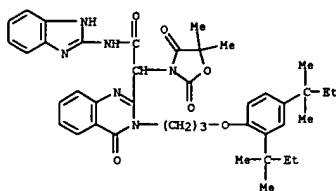


AB Dye forming coupler I and azomethine dye II [Q = nonmetal atoms to form N-containing heterocycle; R = substituent; Het = heterocycle; X = H, releasing group by coupling reaction with developer oxide; Ar = aryl] are claimed. The azomethine dye shows high mol. extinction coeff, clear hue, and the photog. material gives clear images with good fastness.
 IT 473738-53-39 473738-55-59
 RI: PHU (Preparation, unclassified); RCT (Reactant); TEM (Technical or engineered material use); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 (photog. coupler for azomethine dye formation)
 RN 473738-53-3 CAPLUS
 CN Benzoic acid, 3,3'-[[2-[[[3,4-dihydro-4-oxo-3-(phenylmethyl)-2-quinazolinyl](3,5-dioxo-1,2-diphenyl-1,2,4-triazolidin-4-yl)acetyl]amino]-1H-imidazole-4,5-diyl]bis(carbonylimino)]bis[4-chloro-, didodecyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 21 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

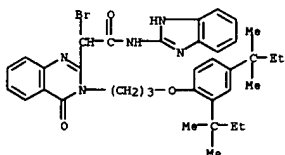


RN 473738-55-5 CAPLUS
 CN 2-Quinazolineacetamide, N-1H-benzimidazol-2-yl-3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-α-(5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

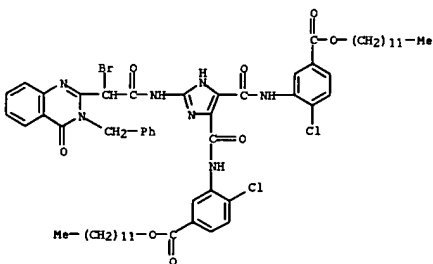


IT 473738-58-8
 RL: TZM (Technical or engineered material use); USES (Uses)
 (photog. coupler for azomethine dye formation)
 RN 473738-58-8 CAPLUS
 CN 2-Quinazolineacetamide, 3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-α-(5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)-3,4-dihydro-N-1H-naphth[2,3-d]imidazol-2-yl-4-oxo- (9CI) (CA INDEX NAME)

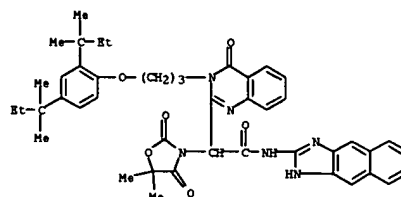
L4 ANSWER 21 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



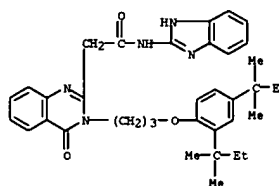
RN 473738-75-9 CAPLUS
 CN Benzoic acid, 3,3'-[[2-[[[bromo(3,4-dihydro-4-oxo-3-(phenylmethyl)-2-quinazolinyl]acetyl]amino]-1H-imidazole-4,5-diyl]bis(carbonylimino)]bis[4-chloro-, didodecyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 21 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



IT 473738-71-5P 473738-73-7P 473738-75-9P
 RL: PMU (Preparation, unclassified); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of photog. coupler)
 RN 473738-71-5 CAPLUS
 CN 2-Quinazolineacetamide, N-1H-benzimidazol-2-yl-3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-α-bromo-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)



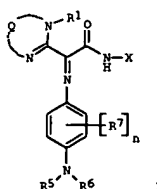
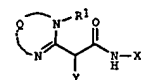
RN 473738-73-7 CAPLUS
 CN 2-Quinazolineacetamide, N-1H-benzimidazol-2-yl-3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-α-bromo-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 22 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

APPLICANT

AN 2002:769983 CAPLUS
 DN 137:302093
 TI Photographic color coupler, silver halide photographic material, and azomethine dye
 IN Takeuchi, Kiyoshi; Uehira, Shigeo
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 54 pp.
 CODEN: JKOKAF
 DT Patent
 LA Japanese
 FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2002296741	A2	20021009	JP 2001-102698	20010330
US 2003064332	A1	20030403	US 2002-106192	20020327
US 6677110	B2	20040113		
US 2004096787	A1	20040520	US 2003-679495	20031007
FRAI JP 2001-102538	A	20010330		
JP 2001-102698	A	20010330		
US 2002-106192	A3	20020327		
OS HARPAT 137:302093				
GI				



AB The invention relates to a photog. color coupler represented by I. (Q = atoms for forming N-containing 6-membered ring, preferably 4-pyridone rings)
 RI = aryl, heterocyclyl; X = aryl; Y = H, group capable of leaving upon coupling reaction with oxidized developing agent) and a photog. material containing the color coupler. The invention also relates to an azomethine dye

L4 ANSWER 22 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
represented by 11 (Q = atoms for forming N-contg. 6-membered ring, preferably 4-pyrimidone ring; R1 = aryl, heterocyclyl; X = aryl; R5, R6, R7 = H, substituent; n = 0-4) formed by the above color coupler's coupling reaction. The photog. material shows excellent color hue, storage stability, color reprod., and lightfastness.

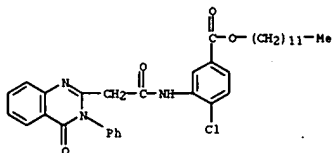
IT 468730-14-5P 468730-15-6P

RL: MOA (Modifier or additive use); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (coupler preparation; photog. color coupler forming azomethine dye for color

photog. material showing improved color hue, storage stability, color reproduction, and lightfastness)

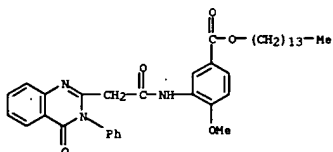
RN 468730-14-5 CAPLUS

CN Benzoic acid, 4-chloro-3-[[[(3,4-dihydro-4-oxo-3-phenyl-2-quinazolinyl)acetyl]amino]-, dodecyl ester (9CI) (CA INDEX NAME)



RN 468730-15-6 CAPLUS

CN Benzoic acid, 3-[[[(3,4-dihydro-4-oxo-3-phenyl-2-quinazolinyl)acetyl]amino]-4-methoxy-, tetradecyl ester (9CI) (CA INDEX NAME)



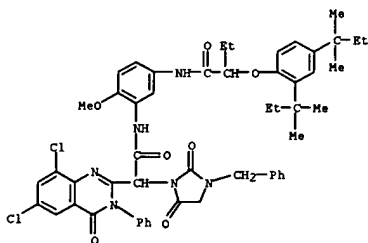
IT 468730-20-3P 468730-21-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (coupler preparation; photog. color coupler forming azomethine dye for color

photog. material showing improved color hue, storage stability, color reproduction, and lightfastness)

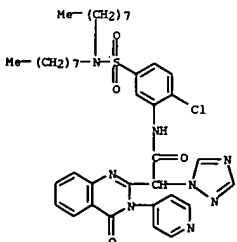
RN 468730-20-3 CAPLUS

L4 ANSWER 22 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 468730-17-8 CAPLUS

CN 2-Quinazolineacetamide, N-[2-chloro-5-[(diethylamino)sulfonyl]phenyl]-3,4-dihydro-4-oxo-3-(4-pyridinyl)-α-1H-1,2,4-triazol-1-yl- (9CI) (CA INDEX NAME)

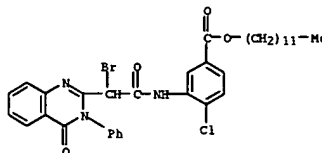


RN 468730-18-9 CAPLUS

CN 1H-1,2,3-Triazole-4-carboxylic acid, 1-[2-[[[5-chloro-2-(dodecyloxy)phenyl]amino]-1-(4,6-dihydro-4-oxo-3,6-diphenyl-3H-pyrrolo[3,4-d]pyrimidin-2-yl)-2-oxoethyl]-5-methyl-, ethyl ester (9CI) (CA INDEX NAME)

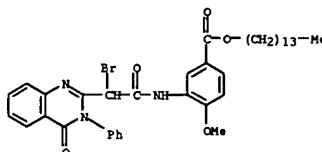
L4 ANSWER 22 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

CN Benzoic acid, 3-[[[bromo(3,4-dihydro-4-oxo-3-phenyl-2-quinazolinyl)acetyl]amino]-4-chloro-, dodecyl ester (9CI) (CA INDEX NAME)



RN 468730-21-4 CAPLUS

CN Benzoic acid, 3-[[[bromo(3,4-dihydro-4-oxo-3-phenyl-2-quinazolinyl)acetyl]amino]-4-methoxy-, tetradecyl ester (9CI) (CA INDEX NAME)



IT 468730-16-7 468730-17-8 468730-18-9

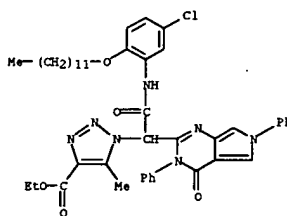
468730-19-0

RL: MOA (Modifier or additive use); USES (Uses) (coupler; photog. color coupler forming azomethine dye for color photog. material showing improved color hue, storage stability, color reproduction, and lightfastness)

RN 468730-16-7 CAPLUS

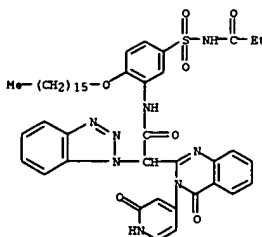
CN 2-Quinazolineacetamide, N-[5-[[[2,4-bis(1,1-dimethylpropyl)phenoxy]-1-oxobutyl]amino]-2-methoxyphenyl]-6,8-dichloro-α-[2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]-3,4-dihydro-4-oxo-3-phenyl- (9CI) (CA INDEX NAME)

L4 ANSWER 22 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 468730-19-0 CAPLUS

CN 2-Quinazolineacetamide, α-1H-benzotriazol-1-yl-3-(1,2-dihydro-2-oxo-4-pyridinyl)-N-[2-(hexadecyloxy)-5-[[[1-(1-oxopropyl)amino]sulfonyl]phenyl]-3,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)



IT 468730-12-3P 468730-13-4P

RL: MOA (Modifier or additive use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses) (coupler; photog. color coupler forming azomethine dye for color

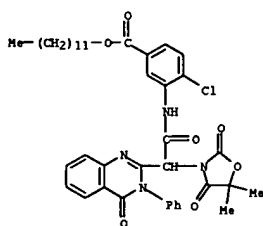
photog. material showing improved color hue, storage stability, color reproduction, and lightfastness)

RN 468730-12-3 CAPLUS

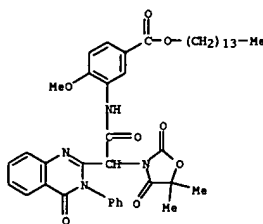
CN Benzoic acid, 4-chloro-3-[[[(3,4-dihydro-4-oxo-3-phenyl-2-quinazolinyl) (5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)acetyl]amino]-, dodecyl ester (9CI) (CA INDEX NAME)

APPLICANT

L4 ANSWER 22 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 468730-13-4 CAPLUS
 CN Benzoic acid, 3-[[[3,4-dihydro-4-oxo-3-phenyl-2-quinazolinyl](5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)acetyl]amino]-4-methoxy-, tetradecyl ester (9CI)
 (CA INDEX NAME)



L4 ANSWER 23 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2002:76982 CAPLUS
 DN 137:302092
 TI Photographic color coupler, silver halide photographic material, and azomethine dye
 IN Takeuchi, Kiyoshi; Uedaira, Shigeo; Aoki, Mario
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 55 pp.
 CODEN: JKKKAF
 DT Patent
 LA Japanese
 FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002296740	A2	20021009	JP 2001-102538	20010330
US 2003064332	A1	20030403	US 2002-106192	20020327
US 6677110	B2	20040113		
US 2004096787	A1	20040520	US 2003-679495	20031007
JP 2001-102538	A	20010330		
JP 2001-102698	A	20010330		
US 2002-106192	A3	20020327		
OS MARPAT 137:302092				
GI				

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention relates to a photog. color coupler represented by I (Q = atoms for forming N-containing 6-membered ring, preferably 4-pyrimidone ring);

R1 = methylene, methine, C; p = 1-30; R4 = substituent except H; m = 1-30; X = aryl; Y = H, group capable of leaving upon coupling reaction with oxidized developing agent) and a photog. material containing the color coupler. The invention also relates to an azomethine dye represented by II (Q = atoms for forming N-containing 6-membered ring, preferably 4-pyrimidone ring; R1 = methylene, methine, C; p = 1-30; R4 = substituent except H; m = 1-30; X = aryl; R5, R6, R7 = H, substituents; n = 0-4) formed by the above color coupler's coupling reaction. The photog. material shows excellent color hue, storage stability, color reproduction, and lightfastness.

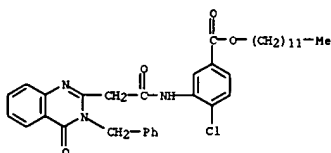
IT 468744-48-1P 468744-49-2P

RL: MOA (Modifier or additive use); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (coupler preparation; photog. color coupler forming azomethine dye for color photog. material showing improved color hue, storage stability, color reproduction, and lightfastness)

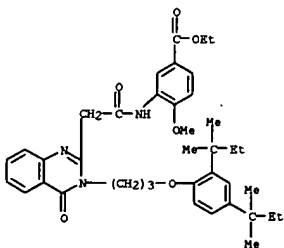
RN 468744-48-1 CAPLUS

CN Benzoic acid, 4-chloro-3-[[[3,4-dihydro-4-oxo-3-(phenylmethyl)-2-quinazolinyl]acetyl]amino]-, dodecyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 23 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

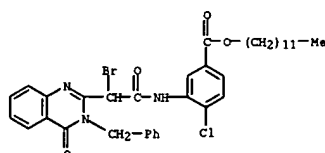


RN 468744-49-2 CAPLUS
 CN Benzoic acid, 3-[[[3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-3,4-dihydro-4-oxo-2-quinazolinyl]acetyl]amino]-4-methoxy-, ethyl ester (9CI)
 (CA INDEX NAME)

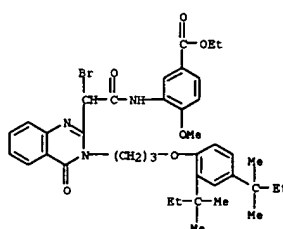


IT 468744-54-9P 468744-55-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (coupler preparation; photog. color coupler forming azomethine dye for color photog. material showing improved color hue, storage stability, color reproduction, and lightfastness)
 RN 468744-54-9 CAPLUS
 CN Benzoic acid, 3-[[[3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-3,4-dihydro-4-oxo-2-quinazolinyl]acetyl]amino]-4-chloro-, dodecyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 23 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 468744-55-0 CAPLUS
 CN Benzoic acid, 3-[[[3-[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-3,4-dihydro-4-oxo-2-quinazolinyl]acetyl]amino]-4-methoxy-, ethyl ester (9CI) (CA INDEX NAME)



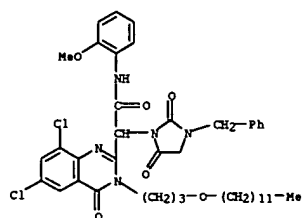
IT 468744-50-5 468744-51-6 468744-52-7 468744-53-8

RL: MOA (Modifier or additive use); USES (Uses) (coupler; photog. color coupler forming azomethine dye for color photog. material showing improved color hue, storage stability, color reproduction, and lightfastness)

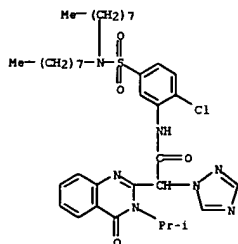
RN 468744-50-5 CAPLUS

CN 2-Quinazolineacetamide, 6,8-dichloro-N-[2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]-3-[3-(dodecyloxy)propyl]-3,4-dihydro-N-(2-methoxyphenyl)-4-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 23 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

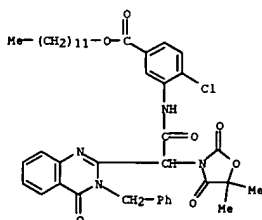


RN 468744-51-6 CAPLUS
CN 2-Quinoxalineacetamide, N-(2-chloro-5-((diethylamino)sulfonyl)phenyl)-3,4-dihydro-3-(1-methylethyl)-4-oxo-α-1H-1,2,4-triazol-1-yl- (9CI) (CA INDEX NAME)

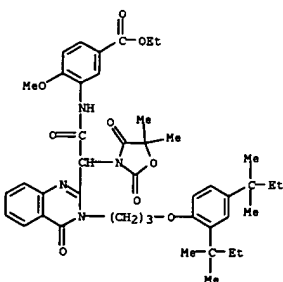


RN 468744-52-7 CAPLUS
CN 1H-1,2,3-Triazole-4-carboxylic acid, 1-[2-[[5-chloro-2-(dodecyloxy)phenyl]amino]-1-[3-[3-[(2-ethylhexyl)oxy]propyl]-4,6-dihydro-4-oxo-6-phenyl-3H-pyrrolo[3,4-d]pyrimidin-2-yl]-2-oxoethyl]-5-methyl-, ethyl ester (9CI) (CA INDEX NAME)

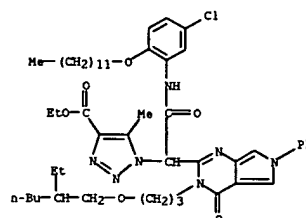
L4 ANSWER 23 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



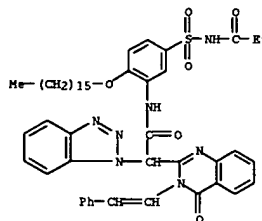
RN 468744-47-0 CAPLUS
CN Benzoic acid, 3-[[[3-[2,4-bis(1,1-dimethylpropyl)phenoxy]propyl]-3,4-dihydro-4-oxo-2-quinazolinyl] (5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)acetyl]amino]-4-methoxy-, ethyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 23 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



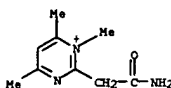
RN 468744-53-8 CAPLUS
CN 2-Quinoxalineacetamide, α-1H-benzotriazol-1-yl-N-(2-(hexadecyloxy)-5-[[1-(1-oxopropyl)amino]sulfonyl]phenyl)-3,4-dihydro-4-oxo-3-(2-phenylethyl)- (9CI) (CA INDEX NAME)



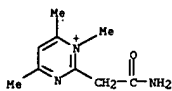
IT 468744-46-9P 468744-47-0P
RL: MOA (Modifier or additive use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)
(coupler; photog. color coupler forming azomethine dye for color photog. material showing improved color hue, storage stability, color reproduction, and lightfastness)
RN 468744-46-9 CAPLUS
CN Benzoic acid, 4-chloro-3-[[[3,4-dihydro-4-oxo-3-(phenylmethyl)-2-quinazolinyl] (5,5-dimethyl-2,4-dioxo-3-oxazolidinyl)acetyl]amino]-, dodecyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 24 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2000:692913 CAPLUS
RN 134:29372
TI Rearrangement of iodomethylate of 4,6-dimethyl-2-pyrimidinylacetic amide into amide of substituted 2-methylaminonicotinic acid
AU Danagulyan, G. G.; Sahakyan, L. G.; Panosyan, H. A.
CS Erevan. Gos. Inst. Nar.Khoz., Yerevan, Armenia
SO Khimicheskii Zhurnal Armenii (2000), 53(1-2), 63-68
CODEN: KZARF3; ISSN: 1561-4190
PB Izdatel'stvo Gitut'yun NAN Respubliki Armenii
DT Journal
LA Russian
OS CASREACT 134:29372
AB By the reaction of 4,6-dimethyl-2-pyrimidinylacetic ester with ammonia and further alkylation by methyl iodide iodomethylate of amide of 4,6-dimethyl-2-pyrimidinylacetic acid (I) has been synthesized. 2-Methylamino-4,6-dimethylnicotinic acid has been obtained in 50% yield by interaction of iodomethylate of I with alc. solution of methylamine amide. The product of transformation was obtained by heating the reagents in a sealed tube for 20 h and further chromatog. separation. The reaction proceeds according to the Kost-Sagitullin enamine rearrangement reaction pyrimidine ring opening at N(1)-C(6) bond and subsequent closing of pyridine cycle with formation of C-C bond. The other route of pyrimidinium salt transformation appeared to be its demethylation resulting in the formation of 4,6-dimethyl-2-pyrimidinylacetic acid amide in 37% yield.
IT 276873-04-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(rearrangement of iodomethylate of dimethylpyrimidinylacetic amide into amide of substituted methylaminonicotinic acid)
RN 276873-04-2 CAPLUS
CN Pyrimidinium, 2-(2-amino-2-oxoethyl)-1,4,6-trimethyl-, iodide (9CI) (CA INDEX NAME)

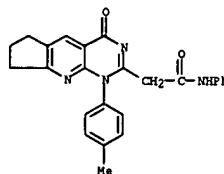


L4 ANSWER 25 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2000:278491 CAPLUS
 DN 133:58780
 TI Transamination occurring in the enamine rearrangement of pyrimidinium salts in reaction with benzylamine
 AU Danagulyan, G. G.; Saakyan, L. G.
 CS Yerevan Institute of National Economy, Yerevan, 375025, Armenia
 SO Chemistry of Heterocyclic Compounds (New York) (Translation of Khimiya Geterotsiklicheskh Soedinenii) (2000), Volume Date 1999, 35(10), 1251-1252
 CODEN: CHCCAL; ISSN: 0009-3122
 PB Consultants Bureau
 DT Journal
 LA English
 OS CASREACT 133:58780
 AB Treatment of 2-(methoxycarbonyl)-1,4,6-trimethylpyrimidinium iodide and the corresponding amide with PhCH₂NH₂ leads to N-demethylation and the expected enamine rearrangement, i.e. formation of 4,6-dimethyl-2-pyrimidinacetate and 2-(methylamino)-4,6-dimethylnicotinate, together with the formation of products due to exchange of the amine fragment of the enamine rearrangement, viz. 2-(benzylamino)-4,6-dimethylnicotinates.
 IT 276873-04-2
 RI: RCT (Reactant); RACT (Reactant or reagent)
 (transamination in enamine rearrangement of pyrimidinium salts on reaction with benzylamine)
 RN 276873-04-2 CAPLUS
 CN Pyrimidinium, 2-(2-amino-2-oxoethyl)-1,4,6-trimethyl-, iodide (9CI) (CA INDEX NAME)



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 26 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1998:396850 CAPLUS
 DN 129:122631
 TI Synthesis and properties of 2-substituted 1-aryl-7,8-dihydro-6H-pyrimido[4,5-b]pyridin-4-ones
 AU Galeeva, R. N.; Gavrilov, M. Yu.; Feshina, E. V.; Kon'shin, M. E.
 CS Perm Pharmaceutical Academy, Perm, 614000, Russia
 SO Chemistry of Heterocyclic Compounds (New York) (Translation of Khimiya Geterotsiklicheskh Soedinenii) (1998), Volume Date 1997, 33(10), 1199-1202
 CODEN: CHCCAL; ISSN: 0009-3122
 PB Consultants Bureau
 DT Journal
 LA English
 AB In reaction with acylating agents, 2-aryl-2-methyl-7,8-dihydro-6H-pyrimido[4,5-b]pyridin-4-ones are acylated at the Me group and also enter into reaction with di-Et oxalate. 1-Aryl-2-phenacyl-7,8-dihydro-6H-pyrimido[4,5-b]pyridin-4-ones undergo dehydration under the influence of concentrated sulfuric acid. On the basis of the PMR and UV spectra, it was concluded that 1-aryl-2-acetonyl(phenacyl)-7,8-dihydro-6H-pyrimido[4,5-b]pyridin-4-ones exist in two tautomeric forms with strong intramolecular hydrogen bonds of the chelate type - enaminocarbonyl and enol.
 IT 210296-67-6P
 RI: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of arylidihydropyrimido[4,5-b]pyridinones)
 RN 210296-67-6 CAPLUS
 CN 1H-Cyclopenta[5,6]pyrido[2,3-d]pyrimidine-2-acetamide, 4,6,7,8-tetrahydro-1-(4-methylphenyl)-4-oxo-N-phenyl- (9CI) (CA INDEX NAME)

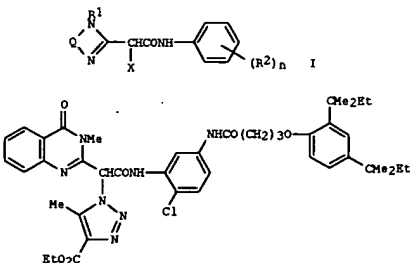


RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 27 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1995:713720 CAPLUS
 DN 123:85969
 TI Yellow coupler and color photographic materials containing it
 IN Berghaller, Peter
 PA Agfa-Gevaert AG, Germany
 SO Ger. Offen., 33 pp.
 CODEN: GWXXEX
 DT Patent
 LA German
 FAN.CNT 1

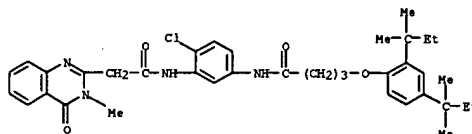
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 4329418	A1	19950302	DE 1993-4329418	19930901
EP 648761	A2	19950419	EP 1994-112967	19940819
EP 648761	A3	19950426		
US 5455149	A	19951003	US 1994-292770	19940819
FR 1993-4329418	A	19930901		

OS MARPAT 123:85969
 GI

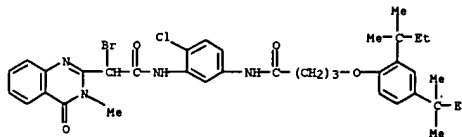


AB The couplers [I; Q completes a (substituted) pyrimidinone ring; R1 = C1-6-alkyl; each R2 = halogen, organic group (2 adjacent R2 may complete a ring); X = leaving group; n = 1-4] produce during development azomethine dyes with high stability. Coupler II was prepared in 4 steps from 2-HZNC6H4CONHMe, EtO2CCH2C(=O)NH.HCl, 2,4-(EtO2C)2C6H3O(CH2)3CONHC6H3(C1)NH2-4,3, and Et 4-methyl-1,2,3-triazole-5-carboxylate.
 IT 165663-98-9P 165663-99-0P
 RI: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of yellow coupler for silver halide photog. emulsions)
 RN 165663-98-9 CAPLUS
 CN 2-Quinazolineacetamide, N-[5-[[4-(2-bis(1,1-dimethylpropyl)phenoxy]-1-oxobutyl)amino]-2-chlorophenyl]-3,4-dihydro-3-methyl-4-oxo- (9CI) (CA INDEX NAME)

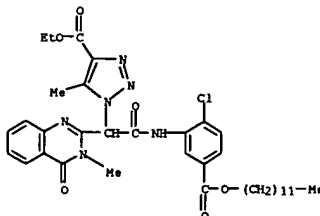
L4 ANSWER 27 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 165663-99-0 CAPLUS
 CN 2-Quinazolineacetamide, N-[5-[[4-(2-bis(1,1-dimethylpropyl)phenoxy)-1-oxobutyl)amino]-2-chlorophenyl]-3,4-dihydro-3-methyl-4-oxo- (9CI) (CA INDEX NAME)

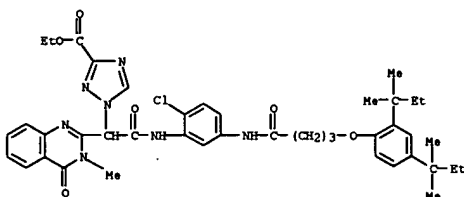


IT 165663-95-6 165663-96-7 165663-97-8
 RI: DEV (Device component use); USES (Uses)
 (yellow coupler for silver halide photog. emulsions)
 RN 165663-95-6 CAPLUS
 CN 1H-1,2,3-Triazole-4-carboxylic acid, 1-[2-[[2-chloro-5-[[dodecyloxy]carbonyl]phenyl]amino]-1-(3,4-dihydro-3-methyl-4-oxo-2-quinazolinyl)-2-oxoethyl]-5-methyl-, ethyl ester (9CI) (CA INDEX NAME)

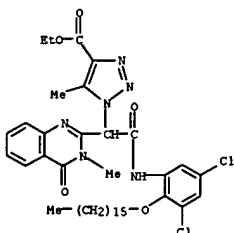


RN 165663-96-7 CAPLUS

L4 ANSWER 27 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN 1H-1,2,4-Triazole-3-carboxylic acid, 1-[2-[[[4-[2,4-bis(1,1-dimethylpropyl)phenoxy]-1-oxobutyl]amino]-2-chlorophenyl]amino]-1-(3,4-dihydro-3-methyl-4-oxo-2-quinazolinyl)-2-oxoethyl]-, ethyl ester (9CI)
 (CA INDEX NAME)



RN 165663-97-8 CAPLUS
 CN 1H-1,2,3-Triazole-4-carboxylic acid, 1-[2-[[[3,5-dichloro-2-(hexadecyloxy)phenyl]amino]-1-(3,4-dihydro-3-methyl-4-oxo-2-quinazolinyl)-2-oxoethyl]-5-methyl]-, ethyl ester (9CI) (CA INDEX NAME)



IT 165663-94-5P
 RL: DEV (Device component use); IMF (Industrial manufacture); PREP (Preparation); USES (Uses)
 (yellow coupler for silver halide photog. emulsions)

RN 165663-94-5 CAPLUS
 CN 1H-1,2,3-Triazole-4-carboxylic acid, 1-[2-[[[4-[2,4-bis(1,1-dimethylpropyl)phenoxy]-1-oxobutyl]amino]-2-chlorophenyl]amino]-1-(3,4-dihydro-3-methyl-4-oxo-2-quinazolinyl)-2-oxoethyl]-5-methyl-, ethyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 28 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1992:571077 CAPLUS
 DN 117:171077
 TI Preparation of 3-(tetrahydropyrimidin-5-yl)carbapenems as antimicrobials
 IN Murata, Masayoshi; Chiba, Toshiyuki; Tsutsumi, Hideo; Hattori, Kohji; Kuroda, Satoru; Ohtaka, Hiroaki; Shirai, Fumiyuki
 PA Fujisawa Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 114 pp.
 CODEN: PINKD2
 DT Patent
 LA English
 FAN.CNT 1

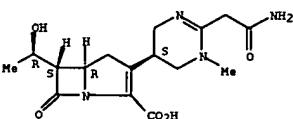
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI WO 9206978	A1	19920430	WO 1991-JP1394	19911014
W: AU, CA, FI, HU, JP, KR, NO, SU, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
AU 9186608	A1	19920520	AU 1991-86608	19911014
EP 506982	A1	19921007	EP 1991-919287	19911014
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 05502898	T2	19930520	JP 1991-516522	19911014
US 5286721	A	19940215	US 1992-853746	19920612
PRAI GB 1990-22309	A	19901015		
WO 1991-JP1394	A	19911014		

OS MARPAT 117:171077
 GI For diagram(s), see printed CA Issue.
 AB Title compds. (I; R1 = CO₂H, CO₂-, protected CO₂H; R2 = (protected) hydroxyalkyl; R3 = H, alkyl; Z = Q1, Q2; R3 = H, (substituted) alkyl, alkenyl, cyclic aminocarbonyl, acylamino, ureido, heterocyclyl, acyl, acyl, etc.; R9 = H, alkyl; R10 = alkyl) were prepared. Thus, allyl (5R,6S)-3-[2-allyloxycarbonylamino-1-(N-allyloxycarbonylaminoethyl)ethyl]-6-[(R)-1-hydroxyethyl]-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylate (preparation given), Ph₃P, dimesone, HOAc, and (Ph₃P)₄Pd were stirred in THF to give a precipitate which was treated with benzyl formimidate.HCl in pH 6.86 buffer to give title compound II. II inhibited Staphylococcus aureus with MIC = 50.025 µg/mL.

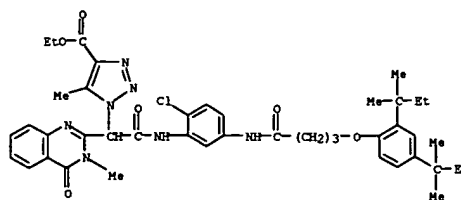
IT 142774-63-8P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (preparation of, as antimicrobial)

RN 142774-63-8 CAPLUS
 CN 1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid, 3-[2-(2-amino-2-oxoethyl)-1,4,5,6-tetrahydro-1-methyl-5-pyrimidinyl]-6-(1-hydroxyethyl)-7-oxo-, [5R-[3(5*),5a,6a(R*)]]- (9CI) (CA INDEX NAME)

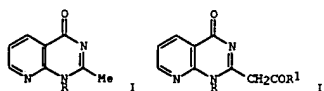
Absolute stereochemistry.



L4 ANSWER 27 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

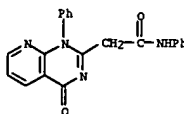


L4 ANSWER 29 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1992:48472 CAPLUS
 DN 117:48472
 TI Synthesis and properties of 2-substituted 1-aryl-4-oxo-1,4-dihydropyrido[2,3-d]pyrimidines
 AU Demina, L. M.; Gavrilov, M. Y.; Vakhrin, M. J.; Konshin, M. E.
 CS Perm. Farm. Inst., Perm, 614600, USSR
 SO Khimiya Geterotsiklicheskh Soedinenii (1991), (10), 1397-401
 CODEN: KGSAAQ; ISSN: 0453-8234
 DT Journal
 LA Russian
 OS CASREACT 117:48472
 GI

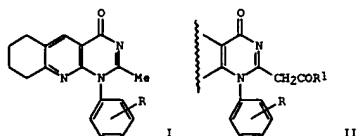


AB Pyridopyrimidines I (R = aryl) were obtained in 30.0-71.4% yields by cyclization of N-acetyl-2-(arylamino)nicotinonitriles in C₆H₆ containing dry HCl. I are acylated by Ac₂O, R1COCl (R1 = Ph, 4-BrC₆H₄), and PhNCO on the Me group to give acyl derivs. II, but with PhCHO a styryl derivative is formed. On the basis of UV, IR, and NMR spectral data the 2-acetonyl-, 2-phenacyl-, and 2-(N-phenylcarbonylmethyl) derivs. exist in tautomeric enaminocarbonyl and iminoenol forms with a weak intramol. chelate-like H bond.

IT 142267-33-2P
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (preparation and tautomerism of)
 RN 142267-33-2 CAPLUS
 CN Pyrido[2,3-d]pyrimidine-2-acetamide, 1,4-dihydro-4-oxo-N,1-diphenyl- (9CI)
 (CA INDEX NAME)



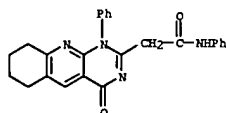
L4 ANSWER 30 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1989:632711 CAPLUS
 DN 111:232711
 TI Synthesis and structure of 1-aryl-2-acetonyl- or -phenacyl-6,7,8,9-tetrahydropyrimido[4,5-b]quinolin-4-one
 AU Gavrilov, M. Yu.; Vakhnin, M. I.; Konshin, M. E.
 CS Perm. Gos. Farm. Inst., Perm, 614600, USSR
 SO Khimiya Geterotsiklicheskih Soedinenii (1988), (12), 1649-53
 CODEN: KGSQAQ; ISSN: 0453-8234
 DT Journal
 LA Russian
 OS CASREACT 111:232711
 GI



AB Acylation of pyrimidoquinolinones I (R = H, Me, MeO) by Ac2O or BzCl gave acetonyl and phenacyl derivs. II (R1 = Me, Ph), which were also obtained by cyclocondensation of 2-(arylamino)-5,6,7,8-tetrahydro-3-quinolinecarboxamide with Ac2O-NaOAc. I also added to PhNCO and condensed with PhCHO.

IT 123704-42-7P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)

RN 123704-42-7 CAPLUS
 CN Pyrimido[4,5-b]quinoline-2-acetamide, 1,4,6,7,8,9-hexahydro-4-oxo-N,1-diphenyl- (9CI) (CA INDEX NAME)



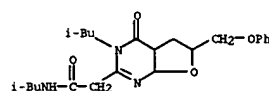
L4 ANSWER 31 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

L4 ANSWER 31 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1988:611854 CAPLUS
 DN 109:211854
 TI Cure of epoxy resins with cyanoacetamides
 AU Renner, Alfred; Moser, Roland; Bellus, Miriam; Fuhrer, Hermann; Hosang, Othmar; Szekely, Gustav
 CS Plast. Addit. Res. Cent., Ciba-Geigy AG, Fribourg/Marly, CH-1701, Switz.
 SO Journal of Polymer Science, Part A: Polymer Chemistry (1988), 26(5), 1361-76
 CODEN: JPACEC; ISSN: 0887-624X
 DT Journal
 LA English
 AB Ph glycidyl ether was reacted with N-isobutylcyanoacetamide under the conditions of the epoxy cure (120-150°). Twenty-two fractions of the reaction product were separated by preparative TLC and characterized by

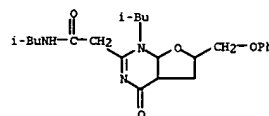
FD and MS mass spectroscopy. The structures of 10 reaction products were elucidated by MS, NMR, and IR techniques. They belong to the classes of cyclic urethanes, spiro-dilactones, cyclo-oxa-1-hepten-4-one-2, pyridones, aminocrotonitrile, and tertiary amine. Crosslinking of bisphenol A diglycidyl ether with cyanoacetamides yielded clear and tough solids with a glass transition temperature >200°, good mech. strength, and high adhesion to metal surface. Cyanoacetamides are latent hardeners requiring a curing initiator.

IT 117503-71-6P 117503-72-7P
 RL: FORM (Formation, nonpreparative); PREP (Preparation)
 (formation of, in reaction of isobutylcyanoacetamide with Ph glycidyl ether)

RN 117503-71-6 CAPLUS
 CN Furo[2,3-d]pyrimidine-2-acetamide, 3,4,4a,5,6,7a-hexahydro-N,1-bis(2-methylpropyl)-4-oxo-6-(phenoxymethyl)- (9CI) (CA INDEX NAME)



RN 117503-72-7 CAPLUS
 CN Furo[2,3-d]pyrimidine-2-acetamide, 1,4,4a,5,6,7a-hexahydro-N,1-bis(2-methylpropyl)-4-oxo-6-(phenoxymethyl)- (9CI) (CA INDEX NAME)



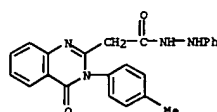
L4 ANSWER 32 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1983:143349 CAPLUS
 DN 98:143349
 TI Some reactions of 3-[2'-(4'H,2',1')-benzoxazin-4'-onyl]coumarins and 3-(2'-quinazol-4'-onyl)coumarins
 AU El-Hashash, M. A.; Kaddah, A. M.; El-Kady, M.; Ammer, M. M.
 CS Fac. Sci., Ain Shams Univ., Cairo, Egypt
 SO Pakistan Journal of Scientific and Industrial Research (1982), 25(4), 104-8
 CODEN: PSIRAA; ISSN: 0030-9885
 DT Journal
 LA English
 OS CASREACT 98:143349
 GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

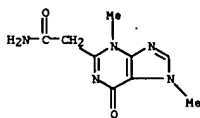
AB Condensation of benzoxazinylcoumarins I (R = H, Br; X = O) with NH4OAc or HCONH2 at 190° gave I (X = NH). Treatment of I (R = H, X = NH) with BzCl or POCl3 gave quinazolinyldcoumarins II (R1 = BzO, Cl), and ring cleavage of I (X = O) with anilines gave coumarincarbonilides III (R2 = Me, Cl, CO2H). Condensation of I (X = O, NH) with WZM gave salicylaldehyde azines and the pyrazolones IV, and Michael addition of I (R = H, X = O) with MeCOCH2CO2Et gave pyranobenzopyrandon V whereas addition with MeCOCH2CO2Me gave dihydrocoumarin VI. Cyclocondensation of NaN3 and I (R = H, X = O) gave tetrazole VII.

IT 85226-90-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)

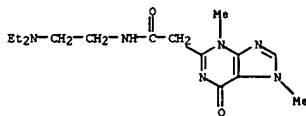
RN 85226-90-0 CAPLUS
 CN 2-Quinazolineacetic acid, 3,4-dihydro-3-(4-methylphenyl)-4-oxo-, 2-phenylhydrazide (9CI) (CA INDEX NAME)



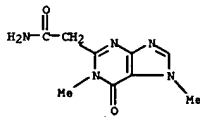
L4 ANSWER 33 OF 35 CAPLUS COPYRIGHT 2005 ACS ON STN
 AN 1970:466544 CAPLUS
 DN 73:66544
 TI Syntheses of purine derivatives. XXII. β -(3,7-Dimethyl-2-hypoxanthine)- α -alanine and amides of (3,7-dimethyl-2-hypoxanthine)acetic acid
 AU Ovcharova, I. M.; Babenko, L. N.; Golovchinskaya, E. S.
 CS Vses. Nauch.-Issled. Khim.-Farm. Inst. in. Ordzhonikidze, Moscow, USSR
 SO Khimiko-Farmatsevticheskii Zhurnal (1970), 4(7), 26-9
 CODEN: KHFZAN; ISSN: 0023-1134
 DT Journal
 LA Russian
 AB 3,7-Dimethyl-2-chlorohypoxanthine (CA 69: 52099h) and sodiomalonate ester gave 3,7-dimethyl-2-hypoxanthinemalonate ester, which, upon refluxing with 18% aqueous HCl 1 hr, gave 2,3,7-trimethylhypoxanthine, which, upon refluxing with Br in 1,4-dioxane, gave 2-bromomethyl-3,7-dimethylhypoxanthine, which, upon refluxing with alc. AcNHCO₂Et-2-Na⁺, gave 3,7-dimethyl-2-hypoxanthineacetylaminomalonate ester, which, upon hydrolysis in 18% aqueous HCl, gave β -(3,7-dimethyl-2-hypoxanthinyl)- α -alanine.
 IT 29453-70-1P 29453-71-2P
 RI: SPN (Synthetic preparation); PREP (Preparation) (preparation of)
 RN 29453-70-1 CAPLUS
 CN Purine-2-acetamide, 3,6-dihydro-3,7-dimethyl-6-oxo- (8CI) (CA INDEX NAME)



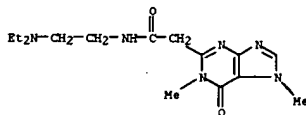
RN 29453-71-2 CAPLUS
 CN Purine-2-acetamide, N-[2-(diethylamino)ethyl]-3,6-dihydro-3,7-dimethyl-6-oxo- (8CI) (CA INDEX NAME)



L4 ANSWER 34 OF 35 CAPLUS COPYRIGHT 2005 ACS ON STN (Continued)

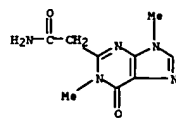


RN 16017-88-2 CAPLUS
 CN Purine-2-acetamide, N-[2-(diethylamino)ethyl]-1,6-dihydro-1,7-dimethyl-6-oxo- (8CI) (CA INDEX NAME)



L4 ANSWER 34 OF 35 CAPLUS COPYRIGHT 2005 ACS ON STN
 AN 1967:500110 CAPLUS
 DN 67:100110
 TI Synthesis of purines. XVII. Derivatives of 1,7-dimethylhypoxanthine
 AU Ovcharova, I. M.; Babenko, L. N.; Golovchinskaya, E. S.
 CS S. Ordzhonikidze Vses. Nauch.-Issled. Khim.-Farmats Inst., Moscow, USSR
 SO Khimiko-Farmatsevticheskii Zhurnal (1967), 1(3), 37-40
 CODEN: KHFZAN; ISSN: 0023-1134
 DT Journal
 LA Russian
 GI For diagram(s), see printed CA Issue.
 AB cf. preceding abstract. Condensation of 2-chloro-1,7-dimethylhypoxanthine (II) with di-Et malonate (III) and Na gives di-Et 1,7-dimethylhypoxanthine-2-malonate (III), alkaline hydrolysis of which yields 1,7-dimethylhypoxanthine-2-acetic acid (IV), while acid hydrolysis gives 1,2,7-trimethylhypoxanthine (V). IV was converted to the Me ester (VI), the amide (VII), and the diethylaminoethylamide (VIII). III treated with SO₂Cl₂ (IX) gives di-Et 1,7-dimethylhypoxanthine-2-(chloromalonate) (X). X boiled with HCl gave a mixture of 2-chloromethyl-1,7-hypoxanthine (XI) and 2-hydroxymethyl-1,7-hypoxanthine (XII), the last being converted into XI with SOCl₂. Cl in XI may be substituted with different groups to give the following: 2-diethylaminomethyl-1,7-dimethylhypoxanthine (XIII), di-Et 1,7-dimethylhypoxanthine-2-(acetamidomalonate) (XIV) and β -(1,7-dimethylhypoxanthin-2-yl)- α -alanine (XV). Thus, 75 ml. II and 8 g. Na in 300 ml. PhMe with 30 g. I was boiled 1.5 hrs. to give 74.2% III, m. 131-4°. III (1 g.) in 6 ml. N NaOH boiled 100 min. gave 87% IV, m. 292°. III (2 g.) in 20 ml. 18% HCl boiled 30 min. yielded 86.5% V. From 0.87 g. IV, 3 ml. MeOH, and 0.56 g. SOCl₂ 48 hrs. at 20°, 76% VI, m. 212°, was prepared VI (0.47 g.) and 13.5 ml. 25% NH₃ 1 hr. at 20° yielded 73% VII, m. 265-6°. VI (1g.) and 15 ml. diethylaminoethylamine boiled 6 hrs. afforded 61.5% VIII, m. 162°. From 15 g. III with 13.5 g. IX in 150 ml. CHCl₃ 20 hrs. at 20°, 85% X, m. 154-7.5°, was prepared X (15 g.) and 225 ml. 18% HCl heated 5.5 hrs. gave 2.8 g. impure XI, m. >300°, and 1.7 g. XII, m. 264-72°. XII (3.5 g.) and 6.6 g. SOCl₂ boiled 7 hrs. in 70 ml. CHCl₃ yielded 3.45 g. XI, decomposing at 344°. From 6.9 g. XI and 100 ml. 50% EtOH 6 hrs., at 90° 63.3% XIII, m. 161-3° (HCl salt m. 207-10°), was prepared XII (10 g.), 10 g. di-Et acetamidomalonate, 1.07 g. Na, and 50 ml. EtOH refluxed 2 hrs. gave 53.2% XIV, m. 131.5-42.5°. From 1.4 g. XIV and 14 ml. 18% HCl boiled 2 hrs., 70.8% XV, m. 198° (decomposition), was prepared
 IT 16017-87-1P 16017-88-2P
 RI: SPN (Synthetic preparation); PREP (Preparation) (preparation of)
 RN 16017-87-1 CAPLUS
 CN Purine-2-acetamide, 1,6-dihydro-1,7-dimethyl-6-oxo- (8CI) (CA INDEX NAME)

L4 ANSWER 35 OF 35 CAPLUS COPYRIGHT 2005 ACS ON STN
 AN 1965:82560 CAPLUS
 DN 62:82560
 OREF 62:14676b-e
 TI Syntheses of purines. VIII. 1,9-Di-methylhypoxanthine-2-malonate ester and its transformations
 AU Ovcharova, I. M.; Golovchinskaya, E. S.
 SO Zhurnal Obshchei Khimii (1964), 34(10), 3254-9
 CODEN: ZOKHAA; ISSN: 0044-460X
 DT Journal
 LA Russian
 AB A suspension of NaCH(CO₂Et)₂ in MePh treated with 2-chloro-1,9-dimethylhypoxanthine 2 hrs. at reflux gave after treatment with aqueous NaOH and adjustment to pH 5, 71% di-Et 1,9-dimethyl-2-hypoxanthinemalonate (I), m. 128-31°; this in aqueous alc. NaOH gave mono-Na salt, sesquihydrate, which was dehydrated at 130°. The ester refluxed 2.25 hrs. in N NaOH gave 1,9-dimethyl-2-hypoxanthinylacetic acid, decomposed 221-3° which with MeOH and SOCl₂ in 2 days gave 70.5% Me ester, m. 178-80°, which in 1 hr. in 30% NH₄OH gave the corresponding amide, decomposed 268-70°. I refluxed 1 hr. with 18% HCl gave 72% 1,2,9-trimethylhypoxanthine, m. 223-5°. I in CHCl₃ was treated with SO₂Cl₂ 1 day and gave after an aqueous treatment 82.5% 1,9-dimethyl-2-hypoxanthinyl-chloromalonate di-Et ester (II), m. 140-2°, which in 18% HCl refluxed 3.5 hrs. gave 55% 2-chloromethyl-1,9-dimethylhypoxanthine (III), m. 180° (decomposition), and 2-3% more soluble 2-hydroxymethyl-1,9-dimethylhypoxanthine (IV), decomposed 210-12°. II refluxed 12 hrs. in 5% HCl gave 32% III, while the aqueous solution after evaporation and extraction with MeOH gave some IV, decomposed 212-15°. III refluxed in H₂O 7 hrs. gave IV after neutralization. III heated 4 hrs. with 25% aqueous MeNH gave 57.7% 2-dimethyl-aminomethyl-1,9-dimethylhypoxanthine, m. 234-7.5°; HCl salt decomposed 254-5°. III and (HOCH₂CH₂)₂NH in CHCl₃ and K₂CO₃ gave in 4 hrs. refluxing 73% 2-[bis(2-hydroxyethyl)-aminomethyl]-1,9-dimethylhypoxanthine, m. 155-7°. III and ethylenimine in C₆H₆ in 0.5 hr. at 45° gave 39% 2-(N-aziridinyl-methyl)-1,9-dimethylhypoxanthine, decomposed 165-7°; similarly was prepared 2-(N-aziridinyl)-1,9-dimethylhypoxanthine, decomposed 163°. III and EtONa-EtOH in 1 hr. refluxing gave 2-ethoxymethyl-1,9-dimethylhypoxanthine, m. 135.5-38°. A suspension of AcNHCO₂Et in EtOH and III refluxed 1 hr. gave 72.1% di-Et 1,9-dimethyl-2-acetamidomethylhypoxanthinylmalonate, decomposed 229-31° which refluxed 2 hrs. with 18% HCl gave β -(1,9-dimethyl-2-hypoxanthinyl)- α -alanine, decomposed 233° (monohydrate) (aqueous EtOH).
 IT 2238-44-0, 9H-Purine-2-acetamide, 1,6-dihydro-1,9-dimethyl-6-oxo- (preparation of)
 RN 2238-44-0 CAPLUS
 CN 9H-Purine-2-acetamide, 1,6-dihydro-1,9-dimethyl-6-oxo- (7CI, 8CI) (CA INDEX NAME)



10/679,495

Page 30

L4 ANSWER 35 OF 35 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

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(FILE 'REGISTRY' ENTERED AT 14:48:27 ON 19 APR 2005)

DEL HIS

L1 STRUCTURE UPLOADED

L2 6 S L1

L3 124 S L1 FULL

FILE 'CAPLUS' ENTERED AT 14:52:53 ON 19 APR 2005

L4 35 S L3

E TAKEUCHI KIYOSHI/AU

L5 249 S E3

E UEHIRA SHIGEKI/AU

L6 6 S E3

E AOKI MARIO/AU

L7 67 S E3

L8 313 S L5 OR L6 OR L7

L9 59 S L8 AND COUPLER

L10 10 S L9 AND AZOMETHINE

=> d que 110 stat

L5 249 SEA FILE=CAPLUS ABB=ON PLU=ON "TAKEUCHI KIYOSHI"/AU

L6 6 SEA FILE=CAPLUS ABB=ON PLU=ON "UEHIRA SHIGEKI"/AU

L7 67 SEA FILE=CAPLUS ABB=ON PLU=ON "AOKI MARIO"/AU

L8 313 SEA FILE=CAPLUS ABB=ON PLU=ON L5 OR L6 OR L7

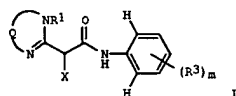
L9 59 SEA FILE=CAPLUS ABB=ON PLU=ON L8 AND COUPLER

L10 10 SEA FILE=CAPLUS ABB=ON PLU=ON L9 AND AZOMETHINE

=> d 1-10 bib abs

L10 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2003:653437 CAPLUS
 DN 139:188268
 TI Azomethine dye-forming coupler and silver halide photographic material containing it
 IN Takeuchi, Kiyoshi; Uedaira, Shigeo
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 46 pp.
 CODEN: JKXKAF
 DT Patent
 LA Japanese
 FAN.CNT 1

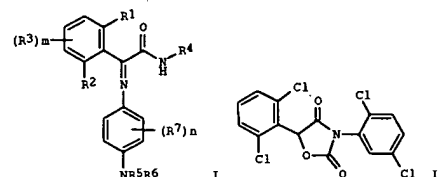
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2003233158	A2	20030822	JP 2002-34550	20020212
PRAI JP 2002-34550		20020212		
OS MARPAT 139:188268				
GI				



AB The material contains ≥ 1 coupler I (Q = CR11:CR12SO2; R11, R12 = H, substituent; R11 and R12 may form a 5- to 7-membered ring with -C(C)- part; R1, R3 = substituent; m = 0-3; X = group to be released by coupling reaction with developer oxidation product; X is not benzotriazol-1-yl or pyrazolo[5,1-c][1,2,4]triazol-1-yl). The coupler and the material show high color development and improved raw stock stability.

L10 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2003:258058 CAPLUS
 DN 138:256580
 TI Azomethine yellow dyes with good acid fastness
 IN Takeuchi, Kiyoshi; Kamihira, Shigeo
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 19 pp.
 CODEN: JKXKAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2003096325	A2	20030403	JP 2001-293279	20010926
US 2003125556	A1	20030703	US 2002-254599	20020926
US 6620933	B2	20030916		
PRAI JP 2001-293279	A	20010926		
OS MARPAT 138:256580				
GI				

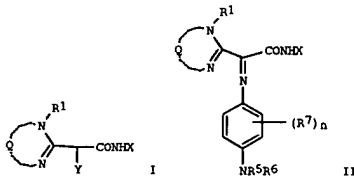


AB The dyes, useful for yellow couplers, jet-printing ink, thermal transfer printing ink, etc., are I (R1-R3, R5-R7 = H, substituent; m = 0-3; n = 0-4; when m is ≥ 2 , plural R3 may be same, different, or form rings together or with R1 or R2; when n is ≥ 2 , plural R7 may be same, different, or form rings together or with R5 or R6; R4 = aryl, heterocyclic group). Thus, Me (2,6-dichlorophenyl)hydroxyacetate was cyclocondensed with 2,5-dichlorophenyl isocyanate in the presence of NEt3 to give II, which was reacted with N-ethyl-N-(2-methanesulfonamidoethyl)-3-methyl-4-aminoaniline sulfate in the presence of NaOH and (NH4)2S2O8 to give III (I where R1 = R2 = Cl, R3 = H, R4 = 2,5-dichlorophenyl, R5 = Et, R6 = CH2CH2NHSO2Me, R7 = 1-Me, n = 1) showing mol. extinction coefficient

2.11 + 104. Then, 15 mL of III/NMP solution was mixed with 10 mL phosphate-buffered solution (pH 1.15) to give a test solution showing light absorption retention 97% after storage at 60° for 4 h.

L10 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2002:827799 CAPLUS
 DN 137:331024
 TI Coupler for azomethine dye formation and silver halide photographic material using it
 IN Uedaira, Shigeo; Takeuchi, Kiyoshi
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 58 pp.
 CODEN: JKXKAF
 DT Patent
 LA Japanese
 FAN.CNT 2

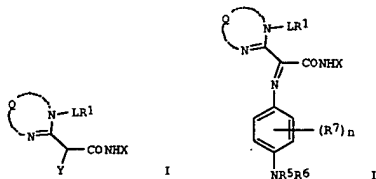
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2002318443	A2	20021031	JP 2001-123667	20010420
US 2003091946	A1	20030515	US 2002-125548	20020419
PRAI JP 2001-123663	A	20010420		
JP 2001-123667	A	20010420		
OS MARPAT 137:331024				
GI				



AB Dye forming coupler I, azomethine dye II (Q = residue to form 6-membered heterocycle together with NC:N; R1 = C2-7 alkyl; R5-7 = H, substituent; R7 and R5, R7 and R6, R5 and R6 may form a (condensed) ring; X = aryl; Y = H, releasing group by coupling reaction with developer oxide; n = 0-4), and photog. film containing I are claimed. The coupler gives the dye with clear hue and fastness.

L10 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2002:827798 CAPLUS
 DN 137:331023
 TI Coupler for azomethine dye formation and silver halide photographic material using it
 IN Uedaira, Shigeo; Takeuchi, Kiyoshi
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 55 pp.
 CODEN: JKXKAF
 DT Patent
 LA Japanese
 FAN.CNT 2

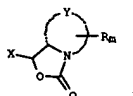
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2002318442	A2	20021031	JP 2001-123663	20010420
US 2003091946	A1	20030515	US 2002-125548	20020419
PRAI JP 2001-123663	A	20010420		
JP 2001-123667	A	20010420		
OS MARPAT 137:331023				
GI				



AB Dye forming coupler I and azomethine dye II (Q = residue to form 6-membered heterocycle together with NC:N; L = divalent linkage; R1 = substituent; R5-7 = H, substituent; R7 and R5, R7 and R6, R5 and R6 may form a (condensed) ring; X = aryl; Y = H, releasing group by coupling reaction with developer oxide; LR1 is not aryl, alkyl, alkenyl, alkynyl; n = 0-4) are claimed. The coupler shows high activity and gives azomethine dye with clear hue and storage stability.

L10 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2002:792277 CAPLUS
 DN 137:317823
 TI Photographic coupler, silver halide photographic material, and manufacture of azomethine dye
 IN Uehira, Shigeo; Takeuchi, Kiyoshi; Shimada, Yasuhiro
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 37 pp.
 CODEN: JKOQAF
 DT Patent
 LA Japanese
 FAN.CNT 1

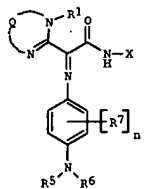
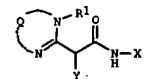
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002302492	A2	20021018	JP 2001-102014	20010330
JP 2001-102014		20010330		
MARPAT 137:317823				



AB The coupler is I (Y = atoms comprising C and/or N atom forming 5- to 6-membered ring; R = substituent; m = 0-4; X = substituent). The photog. material contains 21 above coupler. The dye is manufactured by reacting I with p-phenylenediamine. The coupler showed improved hue and high molar absorption coefficient, the photog. material doing improved color development and light stability and the dye doing improved hue and storage stability.

L10 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2002:769983 CAPLUS
 DN 137:302093
 TI Photographic color coupler, silver halide photographic material, and azomethine dye
 IN Takeuchi, Kiyoshi; Uehira, Shigeo
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 54 pp.
 CODEN: JKOQAF
 DT Patent
 LA Japanese
 FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002296741	A2	20021009	JP 2001-102698	20010330
US 2003064332	A1	20030403	US 2002-106192	20020327
US 6677110	B2	20040113		
US 2004096787	A1	20040520	US 2003-679495	20031007
JP 2001-102538	A	20010330		
JP 2001-102698	A	20010330		
US 2002-106192	A3	20020327		
MARPAT 137:302093				



AB The invention relates to a photog. color coupler represented by I (Q = atoms for forming N-containing 6-membered ring, preferably 4-pyrimidone ring; R1 = aryl, heterocyclyl; X = aryl; Y = H, group capable of leaving

L10 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 upon coupling reaction with oxidized developing agent) and a photog. material contg. the color coupler. The invention also relates to an azomethine dye represented by II (Q = atoms for forming N-contg. 6-membered ring, preferably 4-pyrimidone ring; R1 = aryl, heterocyclyl; X = aryl; R5, R6, R7 = H, substituent; n = 0-4) formed by the above color coupler's coupling reaction. The photog. material shows excellent color hue, storage stability, color reprodn., and lightfastness.

L10 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2002:769982 CAPLUS
 DN 137:302092
 TI Photographic color coupler, silver halide photographic material, and azomethine dye
 IN Takeuchi, Kiyoshi; Uedaira, Shigeo; Aoki, Mario
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 55 pp.
 CODEN: JKOQAF
 DT Patent
 LA Japanese
 FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002296740	A2	20021009	JP 2001-102538	20010330
US 2003064332	A1	20030403	US 2002-106192	20020327
US 6677110	B2	20040113		
US 2004096787	A1	20040520	US 2003-679495	20031007
JP 2001-102538	A	20010330		
JP 2001-102698	A	20010330		
US 2002-106192	A3	20020327		
MARPAT 137:302092				

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention relates to a photog. color coupler represented by I (Q = atoms for forming N-containing 6-membered ring, preferably 4-pyrimidone ring; R1 = methylene, methine, C, p = 1-30; R4 = substituent except H; m = 1-30; X = aryl; Y = H, group capable of leaving upon coupling reaction with oxidized developing agent) and a photog. material containing the color coupler. The invention also relates to an azomethine dye represented by II (Q = atoms for forming N-containing 6-membered ring, preferably 4-pyrimidone ring; R1 = methylene, methine, C, p = 1-30; R4 = substituent except H; m = 1-30; X = aryl; R5, R6, R7 = H, substituent; n = 0-4) formed by the above color coupler's coupling reaction. The photog. material shows excellent color hue, storage stability, color reproduction, and lightfastness.

L10 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2002:752420 CAPLUS

DN 137:286348

TI Color photographic light-sensitive material comprising azomethine dye forming coupler

IN Takeuchi, Kiyoshi; Uehira, Shigeki; Aoki, Mario; Ogasawara, Jun; Shimada, Yasuhiro; Ichijima, Seiji; Deguchi, Yasuaki; Matsuda, Naoto; Ikeda, Akira; Mikoshiba, Hisashi; Sugai, Masaharu; Katsumata, Taiji

PA Fuji Photo Film Co., Ltd., Japan

SO Eur. Pat. Appl., 273 pp.

CODEN: EPXKDW

DT Patent

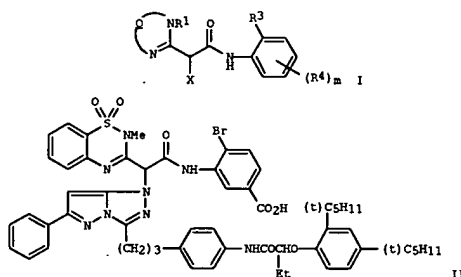
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 1246006	A2	20021002	EP 2002-6628	20020325
EP 1246006	A3	20040811		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003173007	A2	20030620	JP 2002-37488	20020214
US 2003073047	A1	20030417	US 2002-106373	20020327
US 6727053	B2	20040427		
CN 1387087	A	20021225	CN 2002-108474	20020329
US 2004122238	A1	20040624	US 2003-679466	20031007
PRAI JP 2001-97656	A	20010329		
JP 2001-298521	A	20010927		
JP 2001-298660	A	20010927		
JP 2001-299685	A	20010928		
JP 2002-37488	A	20020214		

OS MARPAT 137:286348

GI



L10 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2002:686485 CAPLUS

DN 137:224058

TI Photographic materials with improved sharpness and color reproduction and esters, ketoanilides, and azomethine dyes therefor

IN Aoki, Mario

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 27 pp.

CODEN: JKKXAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2002255906	A2	20020911	JP 2001-53769	20010228
PRAI JP 2001-53769		20010228		

OS MARPAT 137:224058

AB Star ketoanilides R1pR2qC[CH2OCOC6H3(p-Y)]n(R1, R2 = H, Cl-10 alkyl; R3 = Cl-16 (cyclo)alkyl, C6-10 aryl, C2-10 heterocycle, C2-16 substituted amino; R4 = H, leaving group; Y = halo, Cl-20 alkoxy; n = 2-4; p, q = 0, 1; n + p + q = 4) and R1C[CH2OCOC6H3(p-Y)](m-NHCOCH(R4)COR3)]3 (R1, R3, R4, Y = the same as above), their precursors (e.g., title esters) R1pR2qC[CH2OCOC6H3(p-Y)][(m-Z)]n and R1C[CH2OCOC6H3(p-Y)](m-Z)]3, and photog. materials containing the ketoanilides

as yellow couplers are sep. claimed. Azomethine dyes R1pR2qC[CH2OCOC6H3Y(NHCOCH(R4)COR3)]n (Ar = C6-10 aryl; the other variable groups are same as above, where Y locates o position to the amide linkage on Ph), are also claimed.

L10 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

AB Disclosed are a dye-forming coupler of general formula I (Q = -C(R11)-C(R12)-SO2-; R11 and R12 bond with each other to form together with the -C-C-moiety, a 5-7-membered ring, or they each represent a hydrogen atom or a substituent; R1, R3, R4 = substituent; n = 0-4; X represents a hydrogen atom or a group that splits off upon a coupling reaction with an oxidized product of a developing agent) with the proviso that the compound of the formula II is excluded from the dye-forming coupler of formula I. Also disclosed is a silver halide photog. light-sensitive material containing the coupler, and an azomethine dye that can be derived from the dye-forming coupler. The present invention provides color photog. light-sensitive materials including photog. paper that exhibit a high color-forming purity, and in addition they are excellent in fastness to humidity and heat.

L10 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2002:291843 CAPLUS

DN 136:316838

TI Color photographic paper comprising azomethine dye forming coupler

IN Uehira, Shigeki; Ogasawara, Jun; Takeuchi, Kiyoshi;

Shimada, Yasuhiro; Deguchi, Yasuaki

PA Fuji Photo Film Co., Ltd., Japan

SO Eur. Pat. Appl., 101 pp.

CODEN: EPXKDW

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 1197799	A1	20020417	EP 2001-122626	20010927
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

JP 2002107880 A2 20020410 JP 2000-294964 20000927

JP 2002174884 A2 20020621 JP 2001-101418 20010330

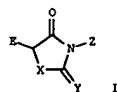
PRAI JP 2000-294964 A 20000927

JP 2000-297609 A 20000928

JP 2001-101418 A 20010330

OS MARPAT 136:316838

GI



AB Disclosed is a photog. dye-forming coupler of the formula I (E = aryl, heterocyclic, -C(=O)W group, in which W = nitrogen-containing heterocyclic group; Z = aryl, heterocyclic; X, Y = O, S, N-R, in which R is a substituent, with the proviso that when E = aryl or heterocyclic group, X and Y are O, and when E = -C(=O)W group, Z is aryl). Also disclosed are a silver halide photog. paper that contains at least one dye-forming coupler of the formula I and a method for producing an azomethine dye using a compound of the formula I.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT